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**RELEASE ABATEMENT MEASURE/SELF-IMPLEMENTING  
CLEANUP & DISPOSAL PLAN ADDENDUM FOR PCBS IN SOIL**

**Wellesley High School  
50 Rice Street  
Wellesley, MA**

**DEP RTN 3-30840  
Related RTNs 3-30924 and 3-30928**

Prepared for

Symmes Maini & McKee Associates, Inc.  
1000 Massachusetts Avenue  
Cambridge, MA 02138

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CDW Project # 1278.00

SMMA PNUM: 04047

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## INTRODUCTION

CDW Consultants, Inc. (CDW) has been retained by our Client, Symmes, Maini & McKee Associates, Inc., to prepare a combined Release Abatement Measure (RAM)/Self Implementing Cleanup and Disposal Plan Addendum for the Wellesley High School property located at 50 Rice Street ("Site") in Wellesley, Massachusetts (Figure 1 in Appendix A). This RAM plan addresses soil contaminated with polychlorinated biphenyls (PCBs) at the recently vacated high school, which is slated for demolition. The purpose of this plan is to comply with 310 CMR 40.0440 of the Massachusetts Contingency Plan (MCP), which allows the implementation of accelerated response actions to reduce risks at certain disposal sites. The Site has been assigned Release Tracking Number (RTN) 3-30840 by the Massachusetts Department of Environmental Protection (DEP).

### 1.0 RESPONSIBILITY

The Town of Wellesley is the potentially responsible party. The person assuming the responsibility for conducting the RAM is the following:

Mr. Michael Eby  
PBC Chairman  
Town of Wellesley  
252 Washington Street  
Wellesley, MA 02481  
(781)413-1019

The RAM Plan was prepared by the Licensed Site Professional whose signature and seal are provided below:



Brian J. Miller, LSP  
CDW Consultants, Inc.  
40 Speen Street, Suite 301  
Framingham, Massachusetts 01701  
(508) 875-2657



## **2.0 SITE CONDITIONS AND HISTORY**

Baseline soil samples were collected from the areas of concern that contained building materials with >50 parts per million PCBs (1955 and 1964 window banks, café window banks, courtyard columns and pink expansion joints). CDW collected 129 soil samples in a grid pattern (0.5', 5' and 8' from the building). The samples next to the pink expansion joints were taken adjacent to the joint (see Figure 2). The samples were submitted to Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut for PCB analysis via EPA Soxhlet 8082. The purpose of the baseline soil sampling was to obtain data for comparison of pre-abatement and post demolition soil samples. Post demolition soil sampling is outlined in Section 3.0, page 47 of the revised Self Implementation Plan (SIP), submitted to the EPA on June 5, 2012.

For the purposes of this RAM, the Site consists of three separate areas located adjacent to the recently vacated Wellesley High School. Shallow soil in three separate small areas, totaling approximately 18 square feet, adjacent to the building has been impacted with PCBs. These include an area adjacent to pink expansion joint in an alleyway at the northeastern portion of the school (Area A), an area adjacent to a bridge connecting the main part of the school to the café (Area B), and an area adjacent to the northeastern side of the school where the 1955 window banks area located (Area C). The three areas are unpaved and covered with either soil or grass. Figure 2 in Appendix A shows the Site building and areas of excavation.

The original high school building was constructed in 1938 with major additions in 1955, 1964, 1979 and 2002. The parcel was undeveloped prior to that time. The land surrounding the high school is primarily residential and wooded land.

### 3.0 DESCRIPTION OF RELEASE & PREVIOUS STUDIES

In July 2011, CDW completed sampling and analysis of building caulking for PCBs. Concentrations as high as 6,800 ppm were detected with several areas of window caulking, and expansion joints exhibited concentrations above 3,000 ppm. A PCB Caulking Remediation SIP was prepared by CDW and associated Contractor Work Plan, prepared by NASDI, LLC was submitted to EPA.

In April and May 2012, CDW completed a baseline soil sampling program for PCBs in areas adjacent to where PCBs were detected in building caulking at concentrations > than 50 parts per million (ppm) to represent a “worst case scenario”. The purpose of the soil sampling program was to determine if PCBs detected in building caulk and expansion joints had impacted surrounding soils and also to provide comparative data for post demolition soil sampling. Soil samples were collected from areas of concern that contained building materials with >50 ppm PCBs. These areas included the 1955 and 1964 window banks, café window banks, courtyard columns and pink expansion joints. A total of 129 soil samples were collected at distances of 0.5’, 5’ and 8’ from the building in a grid pattern at 10 foot intervals. The samples were collected from the surface (0-4”) with a hand trowel which was decontaminated with Alconox and water between samples.

The results of that investigation were the concentration of PCBs in one soil sample (1) in the area of pink expansion joint was 3.4 ppm, which exceeded the applicable MCP S-1 Reportable Concentration (RC) of 2 ppm. Two other samples (29a and 16b), in two additional areas, exceeded the EPA threshold of 1ppm for bulk PCB remediation waste in high occupancy areas, however were below the MCP RC. These samples were collected near the 1955 window bank and near the 1938 bridge, and ranged in concentration from 1.1 ppm to 1.4 ppm. The concentrations of PCBs detected in soil are likely due to weathering of PCB-containing caulk and degradation over time. Figure 2 in Appendix A shows the soil sampling locations. The results are summarized below:

**TABLE 1: PCB Sample Testing Results**

<b>Sample #</b>	<b>Description</b>	<b>Result (mg/Kg)</b>	<b>Reporting Limit (mg/kg)</b>
Soil-1	Near Pink Expansion Joint	<b>3.4</b>	0.39
Soil-1A	Near Pink Expansion Joint	ND	0.076
Soil-2	Near Pink Expansion Joint	0.39	0.081
Soil-2A	Near Pink Expansion Joint	0.37	0.083
Soil-3A	Near 1955 Window Bank	ND	0.089

**TABLE 1: Continued**

<b>Sample #</b>	<b>Description</b>	<b>Result (mg/Kg)</b>	<b>Reporting Limit (mg/kg)</b>
Soil-3B	Near 1955 Window Bank	0.17	0.094
Soil-3C	Near 1955 Window Bank	ND	0.089
Soil-4A	Near 1955 Window Bank	0.2	0.091
Soil-4B	Near 1955 Window Bank	ND	0.1
Soil-4C	Near 1955 Window Bank	ND	0.093
Soil-4C DUP	Near 1955 Window Bank	0.2	0.097
Soil-5A	Near 1955 Window Bank	0.1	0.088
Soil-5B	Near 1955 Window Bank	ND	0.1
Soil-5C	Near 1955 Window Bank	ND	0.091
Soil-6A	Near 1955 Window Bank	ND	0.089
Soil-6B	Near 1955 Window Bank	ND	0.095
Soil-6C	Near 1955 Window Bank	ND	0.1
Soil-7A	Near 1955 Window Bank	ND	0.09
Soil-7A DUP	Near 1955 Window Bank	ND	0.09
Soil-7B	Near 1955 Window Bank	ND	0.093
Soil-7C	Near 1955 Window Bank	ND	0.092
Soil-8A	Near 1955 Window Bank	ND	0.089
Soil-8B	Near 1955 Window Bank	ND	0.094
Soil-8C	Near 1955 Window Bank	ND	0.089
Soil-9A	Near 1955 Window Bank	ND	0.095
Soil-9B	Near 1955 Window Bank	ND	0.1
Soil-9C	Near 1955 Window Bank	ND	0.093
Soil-10A	Near 1955 Window Bank	ND	0.088
Soil-10B	Near 1955 Window Bank	ND	0.099
Soil-10C	Near 1955 Window Bank	ND	0.097
Soil-11A	Near 1955 Window Bank	ND	0.1
Soil-11A DUP	Near 1955 Window Bank	ND	0.1
Soil-11B	Near 1955 Window Bank	ND	0.1
Soil-11C	Near 1955 Window Bank	ND	0.098
Soil-12A	Near 1955 Window Bank	ND	0.1
Soil-12B	Near 1955 Window Bank	0.13	0.1
Soil-12C	Near 1955 Window Bank	ND	0.099

**TABLE 1: Continued**

<b>Sample #</b>	<b>Description</b>	<b>Result (mg/kg)</b>	<b>Reporting Limit (mg/kg)</b>
Soil-13A	Near 1955 Window Bank	ND	0.093
Soil-13B	Near 1955 Window Bank	ND	0.1
Soil-13C	Near 1955 Window Bank	ND	0.098
Soil-14A	Near 1955 Window Bank	ND	0.1
Soil-14B	Near 1955 Window Bank	ND	0.1
Soil-14C	Near 1955 Window Bank	ND	0.11
Soil-15A	Near 1955 Window Bank	ND	0.095
Soil-15A DUP	Near 1955 Window Bank	ND	0.094
Soil-15B	Near 1955 Window Bank	ND	0.097
Soil-15C	Near 1955 Window Bank	ND	0.12
Soil-16A	Near 1955 Window Bank	0.22	0.22
Soil-16B	Near 1955 Window Bank	<b>1.4</b>	0.1
Soil-16C	Near 1955 Window Bank	ND	0.093
Soil-17A	Near 1955 Window Bank	ND	0.1
Soil-17B	Near 1955 Window Bank	ND	0.1
Soil-17C	Near 1955 Window Bank	ND	0.095
Soil-18A	Near 1964 Window Bank	ND	0.097
Soil-18B	Near 1964 Window Bank	ND	0.1
Soil-18B DUP	Near 1964 Window Bank	ND	0.091
Soil-18C	Near 1964 Window Bank	ND	0.097
Soil-19A	Near 1964 Window Bank	ND	0.096
Soil-19B	Near 1964 Window Bank	ND	0.12
Soil-19C	Near 1964 Window Bank	ND	0.12
Soil-20A	Near 1964 Window Bank	ND	0.11
Soil-20B	Near 1964 Window Bank	ND	0.84
Soil-20C	Near 1964 Window Bank	ND	0.12
Soil-21A	Near 1964 Window Bank	ND	0.088
Soil-21B	Near 1964 Window Bank	ND	0.11
Soil-21C	Near 1964 Window Bank	ND	0.12
Soil-22B	Near 1964 Window Bank	ND	0.11
Soil-22C	Near 1964 Window Bank	ND	0.11



**TABLE 1: Continued**

<b>Sample #</b>	<b>Description</b>	<b>Result (mg/kg)</b>	<b>Reporting Limit (mg/kg)</b>
Soil-22C DUP	Near 1964 Window Bank	ND	0.11
Soil-23A	Near 1964 Window Bank	ND	0.1
Soil-23B	Near 1964 Window Bank	ND	0.1
Soil -23C	Near 1964 Window Bank	ND	0.11
Soil-24A	Near 1964 Window Bank	ND	0.088
Soil-24B	Near 1964 Window Bank	ND	0.088
Soil- 24C	Near 1964 Window Bank	ND	0.083
Soil- 25A	Near 1964 Window Bank	ND	0.099
Soil-25B	Near 1964 Window Bank	ND	0.12
Soil-25C	Near 1964 Window Bank	ND	0.12
Soil-26A	Near 1964 Window Bank	ND	0.12
Soil-26B	Near 1964 Window Bank	ND	0.12
Soil-26C	Near 1964 Window Bank	ND	0.13
Soil-27A	Near 1964 Window Bank	ND	0.15
Soil-27B	Near 1964 Window Bank	ND	0.14
Soil-27C	Near 1964 Window Bank	ND	0.13
Soil-28	Pink Joint at Bridge 1964 to 1955	ND	0.13
Soil-29A	Pink Joint at Bridge 1938	<b>1.1</b>	0.082
Soil-29B	Pink Joint at Bridge 1938	<b>0.95</b>	0.08
Soil-30	Pink Joint at Café Bridge	0.52	0.084
Soil-31A	Near Café Window Bank	ND	0.094
Soil-31B	Near Café Window Bank	ND	0.09
Soil-32A	Near Café Window Bank	ND	0.088
Soil-32B	Near Café Window Bank	ND	0.086
Soil-33A	Near Café Window Bank	ND	0.084
Soil-33B	Near Café Window Bank	ND	0.078
Soil-34A	Near Café Window Bank	ND	0.086
Soil-34B	Near Café Window Bank	ND	0.092
Soil-35A	Near Café Window Bank	0.65	0.12
Soil-35B	Near Café Window Bank	ND	0.098
Soil-35A DUP	Near Café Window Bank	0.78	0.1
Soil-36A	Near 1955 Window Bank Courtyard	0.18	0.076

**TABLE 1: Continued**

<b>Sample #</b>	<b>Description</b>	<b>Result (mg/kg)</b>	<b>Reporting Limit (mg/kg)</b>
Soil-36B	Near 1955 Window Bank Courtyard	0.28	0.081
Soil-36C	Near 1955 Window Bank Courtyard	0.098	0.081
Soil-37A	Near 1955 Window Bank Courtyard	ND	0.081
Soil-37B	Near 1955 Window Bank Courtyard	ND	0.083
Soil-37C	Near 1955 Window Bank Courtyard	ND	0.087
Soil-37C DUP	Near 1955 Window Bank Courtyard	ND	0.086
Soil-38A	Near 1955 Window Bank Courtyard	0.24	0.081
Soil-38B	Near 1955 Window Bank Courtyard	0.18	0.18
Soil-38C	Near 1955 Window Bank Courtyard	0.22	0.22
Soil-39A	Near 1955 Window Bank Courtyard	0.21	0.21
Soil-39B	Near 1955 Window Bank Courtyard	0.27	0.085
Soil-39C	Near 1955 Window Bank Courtyard	0.23	0.087
Soil-40A	Near 1955 Window Bank Courtyard	0.11	0.092
Soil-40B	Near 1955 Window Bank Courtyard	0.11	0.09
Soil-40C	Near 1955 Window Bank Courtyard	0.55	0.082
Soil-41A	Near 1964 Window Bank Courtyard	0.14	0.085
Soil-41B	Near 1964 Window Bank Courtyard	0.17	0.078

**TABLE 1: Continued**

<b>Sample #</b>	<b>Description</b>	<b>Result (mg/kg)</b>	<b>Reporting Limit (mg/kg)</b>
Soil-41C	Near 1964 Window Bank Courtyard	ND	0.08
Soil-41A DUP	Near 1964 Window Bank Courtyard	0.11	0.086
Soil-42A	Near 1964 Window Bank Courtyard	ND	0.084
Soil-42B	Near 1964 Window Bank Courtyard	ND	0.08
Soil-43	Near 1964 Window Bank Courtyard and Pink Joint	ND	0.077

ND = Not Detected Above Laboratory Detection Limits

Mg/Kg = Milligrams per Kilograms equal to parts per million.

On June 1, 2012, the release was reported to the DEP as a 120-day release condition. DEP assigned release tracking number 3-30840 to the release.

#### **4.0 SURROUNDING RECEPTORS**

The land surrounding the facility is primarily residential or wooded. The Site itself is part of the Wellesley High School campus but is a secure construction site. The nearest residences are located approximately 200 feet southeast of the Site. The school is served by municipal water and sewer, and no water supply wells are located on the Site. The nearest groundwater resource area is a Zone II for a public water supply located 0.45 miles east of the Site.

The high school is located within a designated protected open space. Rainwater primarily infiltrates into the ground in unpaved areas and flows to catch basins in paved areas. No other environmental resource areas have been identified on or surrounding the Site. The nearest surface water body is Caroline Brook which is located approximately 200 feet northwest of the Site. A plan of the Site is included as Figure 2 in Appendix A.

There are approximately 200 faculty and approximately 1,300 students at the adjacent school.

## **5.0 REQUIREMENTS FOR RELEASE ABATEMENT MEASURES**

In accordance with 310 CMR 40.0441, Release Abatement Measures are intended to reduce risks at a disposal site and/or increase the cost effectiveness of response actions by allowing the implementation of certain accelerated remedial actions to stabilize, treat, control, minimize, or eliminate releases until such a time as a Response Action Outcome is achieved as described in 310 CMR 40.1000, or until Comprehensive Remedial Actions can be implemented, as described in 310 CMR 40.0800.

As summarized previously, PCBs have been detected in shallow soil at the Site. Based on known Site conditions, targeted soil removal in these areas would be the most cost-effective and beneficial means of reducing risk at the Site, at this time.

Further response actions after RAM Completion would be evaluated based upon the final laboratory results of confirmatory samples, and the anticipated future uses of the Site.

## **6.0 RELEASE ABATEMENT MEASURE - OBJECTIVES**

The overall objective of the RAM is to remove and dispose of contaminated soils in three separate areas. The specific objectives of the RAM are the following:

- Reduce risk to human health, safety, public welfare, and the environment from potential exposure to PCBs in surface soil,
- Excavate and dispose of surface soil (to a depth of 1 foot) contaminated with PCBs in three distinct areas,
- Achieve EPA soil cleanup levels for bulk PCB remediation waste of  $\leq 1$  ppm for areas currently considered “high occupancy” (future use of Site will be low occupancy as a paved parking lot),
- Perform confirmatory soil sampling and analysis to demonstrate a site-wide reduction in exposure potential,
- Conduct public participation activities with local officials as required under the MCP.

## **7.0 RELEASE ABATEMENT MEASURE - SPECIFIC PLANS**

This RAM Plan addresses contaminated soil in three separate areas near the vacated school. The purpose of the RAM is to remove and dispose of shallow soil impacted with PCBs and to reduce overall Site risk associated with these compounds. The excavated soil will be characterized, and an appropriate disposal facility will be chosen based upon the characterization. The estimated areas of proposed soil excavation are shown on Figure 3 in Appendix A.

CDW has proposed to implement the following specific plans in order to achieve the objectives of the RAM. The proposed RAM Plan will be conducted in accordance with applicable health and safety provisions, which will be detailed in a written site-specific Health and Safety Plan prepared by the excavation contractor, provided in Appendix B.

### **7.1 RAM Plan and Completion Report Submission**

A copy of this RAM Plan with the appropriate transmittal form will be submitted electronically via eDEP to the DEP Northeast Regional Office. A RAM status report will be submitted to DEP, if needed, within 120 days after submission of the RAM Plan and every 6 months thereafter until completion. After completion of the RAM, a RAM Completion Statement will be filed with the DEP. This RAM plan will also be submitted to the EPA Region 1 PCB coordinator for review.

### **7.2 Public Involvement**

Written notifications will be provided to the Executive Director of the Town of Wellesley Selectman's Office and the Town of Wellesley Board of Health relative to the purpose, nature, and expected duration of the RAM, and any PPE that will be used. These notifications shall be made at least seven (7) days before implementation of the RAM activities.

A notice of the availability of the RAM Completion Statement will be submitted to the Town of Wellesley Selectman's Office and the Town of Wellesley Board of Health.

### 7.3 Staging Areas

The Site will be subdivided into areas where specific tasks will be conducted. These areas will include: Excavation Area, Loading Areas, Soil Stockpile Area, Equipment Decontamination Area. The areas will be better defined prior to the work, and will use available space that is most feasible for equipment mobilization and movement. Brief descriptions of these areas are provided below and are shown in Figure 2 in Appendix A.

#### **Excavation Areas**

These are the areas of the intended soil excavation activities adjacent to the building. The Excavation Areas are defined as 3, approximately 9-square foot areas. A total of approximately 1-2 cubic yards is expected to be excavated, however up to 5 cubic yards may be excavated depending on confirmatory soil results. The preliminary extent of the excavation areas are shown on Figure 2.

#### **Stockpile/Storage and Loading Area**

The driveway to the north of the vacated school building will be the stockpile or drum storage and loading area. The material will be stored adjacent to the building away from vehicular traffic. This area provides easy access for trucks to load the material. Refer to Figure 2 for the staging area. Further detail is provided in the Contractor Work Plan, prepared by NASDI in Appendix C.

#### **Decontamination**

Equipment Decontamination Area will be located on Site. Equipment used at the Site which comes in contact with contamination will be thoroughly cleaned with detergent and water prior to leaving the Site. Hand tools and other excavating equipment can be decontaminated with a natural citrus-based cleaner (Orange-Off). Nitrile gloves must be worn when decontaminating equipment. All decontamination expendables must be disposed of as bulk PCB waste. Further detail is provided in the Contractor Work Plan, prepared by NASDI in Appendix C.



#### 7.4 Soil Excavation and Disposal

The RAM Site activities will be initiated after obtaining necessary approvals and permits. The proposed RAM soil excavation activities will involve Site preparation, soil excavation, confirmatory soil sampling, off-site disposal, and decontamination. Personal Protective Equipment (PPE) will be required for anyone working within the excavation area or collecting soil samples. PPE will include level D equipment. A site specific health and safety plan will be implemented during all RAM activities. The proposed RAM soil excavation activities are described below:

Utilities must be confirmed as active or inactive prior to excavation. All utilities will be located and identified prior to any soil excavation.

##### **Soil Excavation**

In order to access the excavation areas and maintain an accurate shallow excavation depth, a small backhoe or bobcat will be used to remove soil. Hand tools may also be used in hard to access areas or areas adjacent to the building.

Contaminated soil to a depth of 1 foot will be excavated and stockpiled on polyethylene sheeting. Excavated soils from Areas B and C where PCB concentrations are below 2 ppm may be segregated for disposal at an in-state landfill. Area A, where PCBs in soils exceed 2ppm may be segregated for disposal at an out of state disposal facility.

Soils that are determined by the LSP to be contaminated will be stockpiled on and covered with minimum 6 mil polyethylene sheeting, and protected and contained within a line of haybales to prevent erosion. Alternatively, soil may be placed in 55-gallon drums for off-site disposal. Samples will be collected for analysis for disposal parameters, to determine the appropriate disposal facility. After approval is obtained for disposal, the contaminated soils will be loaded onto trucks for transportation to an approved facility. Further detail is provided in the Contractor Work Plan, prepared by NASDI in Appendix C.

Due to the shallow depth of excavation, groundwater is not anticipated to be encountered.

### **Confirmatory Samples**

At the completion of excavation activities, a total of three soil samples per excavation area will be collected (9 samples total). The samples will be collected from the base of the excavation which will confirm the lateral as well as the vertical extents. The samples will be analyzed for PCBs with Soxhlet extraction by EPA Method 8082.

### **Excavation Backfilling**

Based on the limited area and depth of excavations and planned demolition of the Site building, the excavated areas will not be backfilled.

## **8.0 SCHEDULE**

The implementation of the proposed RAM will begin after submittal of this RAM Plan to the DEP. The implementation of the RAM excavation activities is projected to take approximately one day to complete. Loading and off-site transportation and disposal of soil is expected to be performed within 90 days of generation. It is anticipated that all RAM activities will be completed by July 31, 2012. Confirmatory soil sample results will be received approximately 1 week after excavation is complete. The RAM will be considered complete when all soil sampling data has been received from the laboratory and all remediation waste has been removed from the Site.

If needed, a RAM status report will be submitted to the DEP 120 days after initial submission of the RAM Plan and every 6 months thereafter. A RAM Completion Report will be submitted within 60 days of the completion of remedial actions at the Site.

Removal of PCB contaminated caulk is documented in a PCB Caulking Remediation Plan prepared by NASDI, LLC and is slated to occur after soil excavation.

## **9.0 DISPOSAL PRE-CHARACTERIZATION SAMPLING & ADDITIONAL RELEASE CONDITIONS**

In order to determine a facility that will accept the bulk remediation waste soil, a composite soil sample was obtained from the three excavation areas on June 11, 2012. The samples were obtained with a hand trowel from a depth of 0-4 inches. In anticipation of sending the soil to Turnkey Landfill in Rochester, NH, laboratory analysis was completed on the composite sample for VOCs by EPA Method 8260, PCBs by EPA Method 8082, SVOCs by EPA Method 8270, Pesticides by EPA Method 3545A, Herbicides by EPA Method 3550C, RCRA 8 Metals, Ignitability, Cyanide and Sulfide Reactivity, TCLP Lead, and pH.

A review of the soil pre-characterization results of the composite sample showed several compounds including lead, benzo(a)pyrene, and tetrachloroethene at concentrations exceeding the MCP Reportable Concentrations for S-1 soil.

On June 19, 2012, CDW collected one discrete soil sample from each of the three areas (3 samples total) to isolate the area(s) where these compounds may exist. The samples were analyzed for VOCs, Total Lead, and extractable petroleum hydrocarbons (EPH) including polynuclear aromatic hydrocarbons (PAHs). The results indicated reportable concentrations of lead in Excavation Area A, tetrachloroethene (PCE) and lead in Excavation Area B and several PAHs in Excavation Area C. DEP assigned RTN 3-30924 to the release of lead and PAHs and RTN 3-30928 to the release of PCE. These conditions may represent one or more additional disposal Sites under the MCP. While the response actions associated with this RAM Plan may address a portion of the soil associated with these releases, further assessment and/or response actions will be needed to fully address these release conditions.

## **10.0 OFF-SITE DISPOSAL AND REMEDIATION WASTE**

PCB bulk remediation waste will be stored and managed according to applicable EPA regulations. The contractor shall ensure compliance with storage and marking requirements described in 40 CFR 761.65. Also, the contractor shall ensure that there are no visible emissions of dust during placement of PCB wastes into appropriate containers.

In accordance with EPA regulations for building materials and surroundings soils contaminated with PCBs, these materials must be treated as PCB remediation waste in accordance with 40 CFR 761.61. Preliminary soil analyses indicate that the material will not be classified as a hazardous waste. Waste disposal characterization will be in accordance with the criteria of the expected destination for the waste (WM Turnkey Landfill) which is summarized in the previous section.

Soil will be loaded and transported off-site under a DEP Bill of Lading or waste manifest. Based on the relatively small amount of soil anticipated (1-2 cubic yards), all PCB remediation waste at concentrations below 50 ppm will be disposed of at WM Turnkey, an out of state landfill. Final disposal characterization will be performed on soil samples to verify the soil meets the disposal facility criteria.

## **11.0 ENVIRONMENTAL MONITORING PLAN**

The following environmental monitoring plan is to be implemented at the Site during the course of the proposed RAM:

### **11.1 Air/Dust Monitoring**

Dust may be produced during excavation and loading activities. CDW will perform ambient air sampling and testing for airborne particulates during removal activities. Air samples will be collected using instrumentation to measure real-time dust levels at locations upwind and downwind of the work area. A TSI Sidepak Model AM510 personal aerosol monitor will be used to collect real-time data. The TSI AM510 has a monitoring range of 0.001 to 20 mg/m<sup>3</sup>. This unit is factory calibrated and will also be calibrated in the field prior to each use. The air monitoring results will be compared to the EPA recommended NAAQS action limit of 150 ug/m<sup>3</sup> (0.15 mg/m<sup>3</sup>). CDW will collect air data upwind prior to the start of excavation activities to obtain a background action level. If dust levels outside of the remediation area (upwind or downwind) exceed action levels for more than one hour, remediation work will temporarily suspended until dust suppression can be completed. Any work areas that result in visible particulates will be misted with water. Though water misting is not anticipated to create a waste stream, if enough water is produced to create a waste stream then the water will be containerized on-site, sampled, and designated for off-site disposal in accordance with 40 CFR 761.79.

### **11.2 Site Security**

The Site currently consists of three separate areas located adjacent to the recently vacated high school building. The Site is currently surrounded with construction fence to prevent unauthorized access. The excavation areas will be marked out with caution tape to define the areas of excavation and discourage entry.

Soils that are determined by the LSP to be contaminated will be stockpiled on and covered with minimum 6 mil polyethylene sheeting. Alternatively, if small enough amounts permit, the soil may be placed in 55-gallon drums. After approval is obtained for disposal, the contaminated soils will be loaded onto trucks for transportation to the disposal facility. Nearby stormwater catch basins and drainage ditches will be protected with haybales and silt fencing. Figure 2 in Appendix A shows the proposed location of the stockpiled soil or drums.

## **12.0 PERMITS**

The following permits will be obtained by the contractor from public and private agencies prior to implementation of the RAM Plan. Other permits may also be required.

### **12.1 Dig-Safe**

At least 72 hours prior to initiating the RAM activities, the excavation contractor will obtain utility clearance from Dig-Safe. Utility markouts will be incorporated in the Site Plan to show their locations. Entities that are not subscribers to the Dig-Safe network (such as the local water and sewer department) will be contacted directly for utility markout.

### **12.2 EPA Self-Implementation Plan Approval**

The U.S. Environmental Protection Agency (EPA) has approved the cleanup and disposal of PCB-containing building materials under 40 CFR ss 761.61(a) and (c), and 761.79 (h) in a letter dated June 28, 2012. Excavation and disposal of PCB-containing soils impacted as a result of the contaminated building materials requires that the Town of Wellesley request a modification to this Approval to incorporate cleanup of the soils under the prior Approval. This RAM Plan will be submitted to EPA with a cover letter requesting the modification to the prior Approved cleanup plan.

### **13.0 QUALITY ASSURANCE/QUALITY CONTROL**

This section describes the QA/QC objectives that were implemented for the previous sampling program and those that will be implemented for confirmatory soil sampling. The objective of this project is to characterize the concentrations of PCBs in soil both before and after cleanup. The laboratory data must be of sound quality to support site decisions. A certified laboratory (Phoenix Environmental Laboratories) will be used to ensure proper data handling techniques. Laboratory extraction for PCBs will be conducted using EPA Method 3540C (Soxhlet) of SW-846. Soil sample analysis for PCBs will be conducted using EPA Method 8082 of SW-846. Soil samples will be collected in 8 ounce unpreserved amber glass jars in accordance with the method and immediately cooled to 4 degrees C.

#### **13.1 Data Usability Assessment**

A data quality assessment was conducted to evaluate the usability of the site characterization data. The soil results from the initial soil characterization were validated by a review of sample custody, holding times, surrogates, method blanks, matrix spike/matrix spike duplicates, laboratory control samples, and field duplicates. The assessment was performed in general conformance with USEPA Region I Guidelines and the Quality Control Guidelines. Accuracy of the analytical data was assessed by reviewing recoveries for matrix spikes (MS), matrix spike duplicates (MSD), surrogates, laboratory control samples (LCS) and laboratory control sample duplicates (LCSD). Data validation summaries for the data is provided with the laboratory analytical reports in Appendix B. Highlights of the data quality and data usability assessment that resulted in applying qualifications to the data are summarized below:

#### **May 7, 2012 Phoenix Environmental Report**

Batch BB78208-BB78215: LCD/LCSD RPDs were all below 20%. Samples were preserved with ice and refrigeration until receipt at the laboratory. For PCB-1016 and PCB-1260, a LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate. Surrogate recoveries were within acceptable ranges.



May 7, 2012 Phoenix Environmental Report

Batch BB77723-BB77727: LCD/LCSD RPDs were all below 20%. Samples were preserved with ice and refrigeration until receipt at the laboratory. For PCB-1016 and PCB-1260, matrix Spike and matrix spike duplicate surrogate recoveries were within acceptable ranges.

Batch BB77728-BB77741: MS RPDs were all below 20%. Samples were preserved with ice and refrigeration until receipt at the laboratory. For PCB-1016 and PCB-1260, matrix Spike and matrix spike duplicate surrogate recoveries were within acceptable ranges.

May 11, 2012 Phoenix Environmental Report

Batch BB81063-BB81068: LCD/LCSD RPDs were all below 20%. Samples were preserved with ice and refrigeration until receipt at the laboratory. For PCB-1016 and PCB-1260, a LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate. Surrogate recoveries were within acceptable ranges.

Batch BB81045-BB81062: LCD/LCSD RPDs were all below 20%. Samples were preserved with ice and refrigeration until receipt at the laboratory. For PCB-1016 and PCB-1260, a LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate. Surrogate recoveries were within acceptable ranges.

Batch BB81069-BB81081: LCD/LCSD RPDs were all below 20%. Samples were preserved with ice and refrigeration until receipt at the laboratory. For PCB-1016 and PCB-1260, a LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate. Surrogate recoveries were within acceptable ranges.

May 11, 2012 Phoenix Environmental Report

Batch BB78182-BB78187: MS RPDs were all below 20%. Samples were preserved with ice and refrigeration until receipt at the laboratory. For PCB-1016 and PCB-1260, matrix Spike and matrix spike duplicate surrogate recoveries were within acceptable ranges.

Batch BB78173-BB78181: LCD/LCSD RPDs were all below 20%. Samples were preserved with ice and refrigeration until receipt at the laboratory. For PCB-1016 and PCB-1260, a LCS and LCS

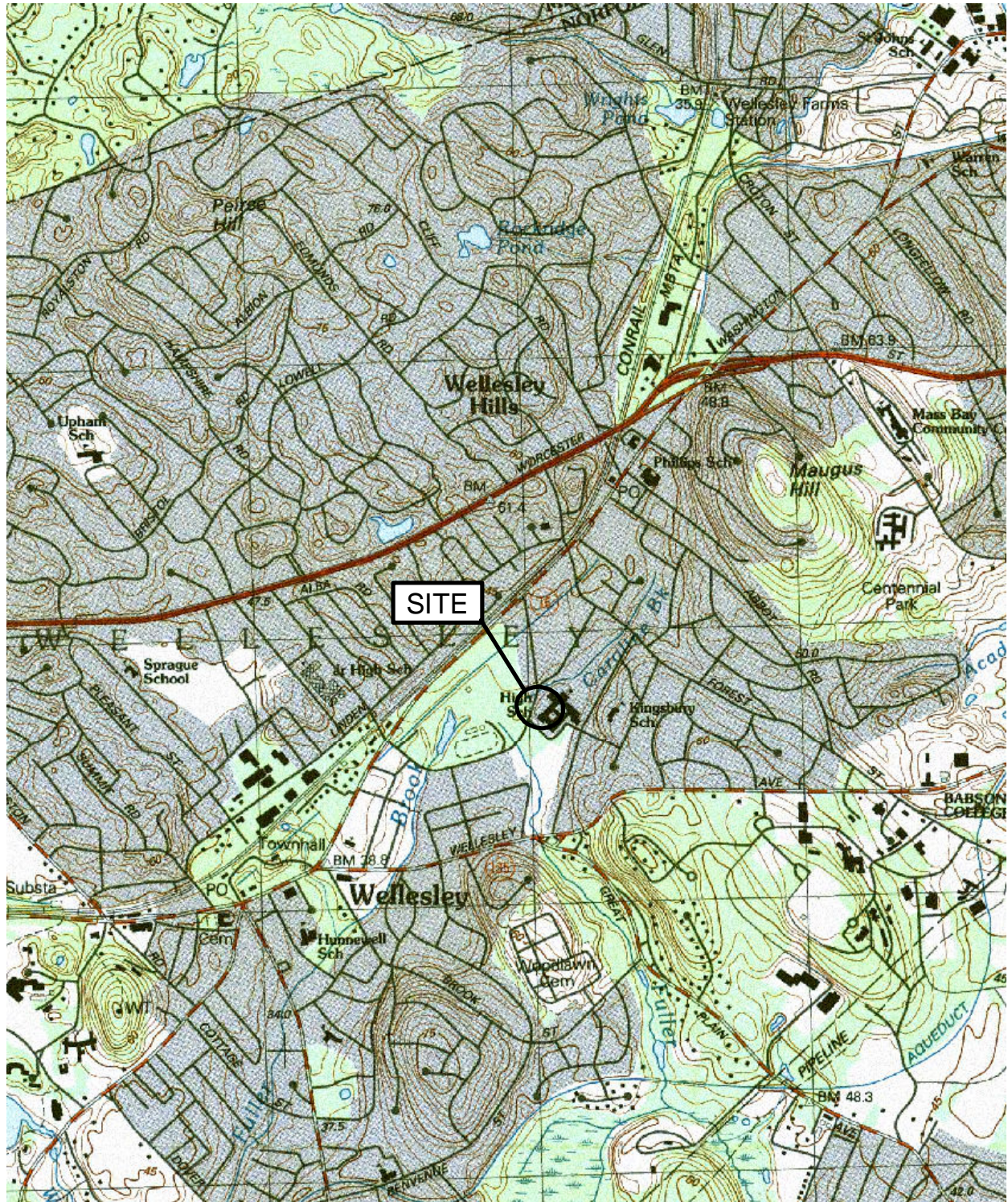
duplicate were performed instead of a matrix spike and matrix spike duplicate. Surrogate recoveries were within acceptable ranges.

Batch BB78188-BB78196: MS RPDs were all below 20%. Samples were preserved with ice and refrigeration until receipt at the laboratory. For PCB-1016 and PCB-1260, matrix Spike and matrix spike duplicate surrogate recoveries were within acceptable ranges.

# **APPENDIX A**

## **FIGURES**





CDW CONSULTANTS, INC.

SITE LOCATION MAP  
 Wellesley High School  
 50 Rice Street  
 Wellesley, MA 02481

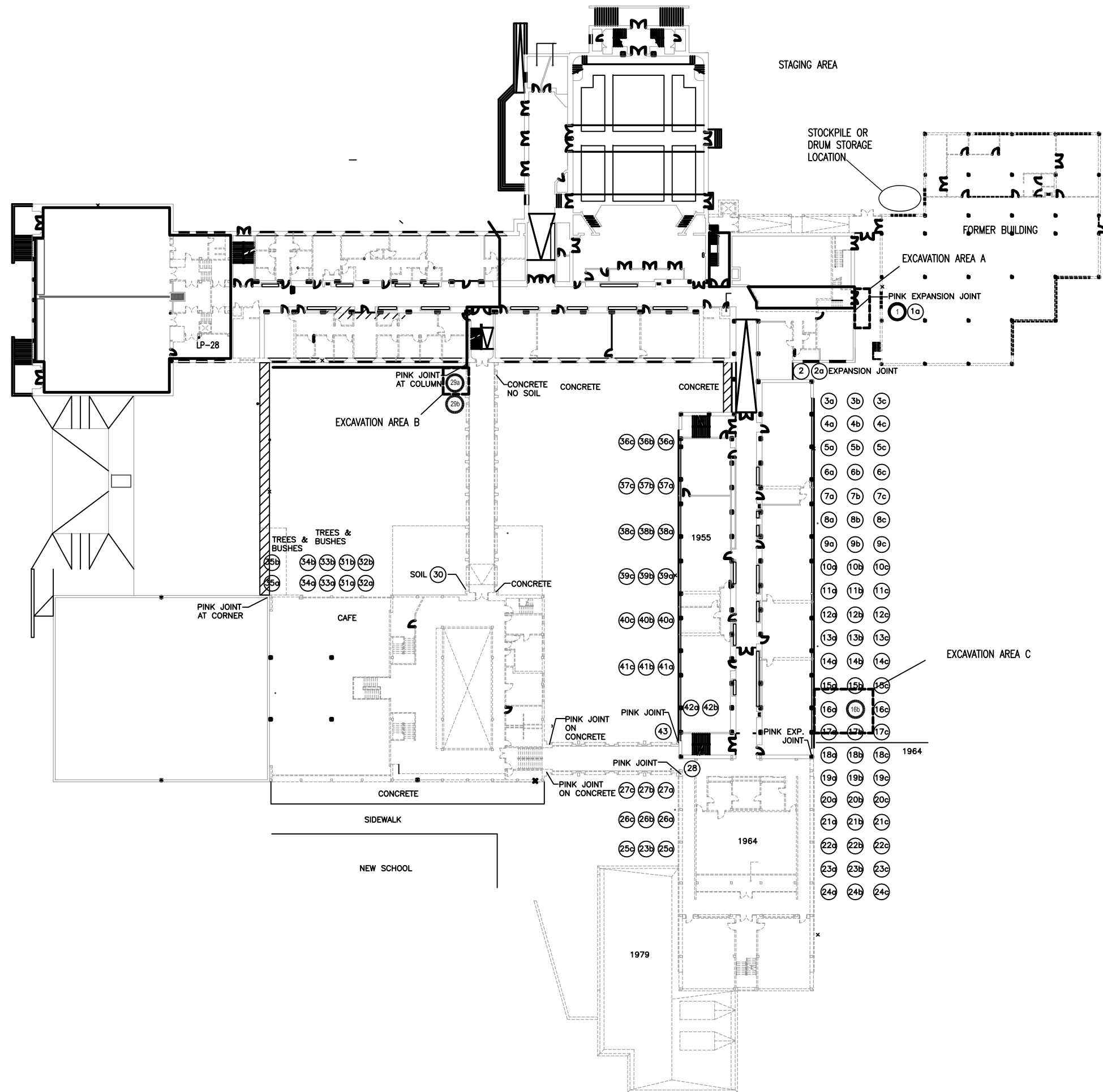


SOURCE: MassGIS Commonwealth of MA EOEA

PROJECT NO.: 1278.0  
 SCALE: 1:25,000

FIGURE 1





- ① SOIL SAMPLE LOCATION
- ① SOIL SAMPLE LOCATION GREATER THAN 1 PPM

FIGURE 2: PROPOSED RAM PLAN SITE LAYOUT

WELLESLEY HIGH SCHOOL  
WELLESLEY, MASSACHUSETTS



Plan Source: SYMMES MAINI AND  
MCKEE Associates Inc.

1278.0

**APPENDIX B**

**LABORATORY REPORTS AND  
CHAIN OF CUSTODY RECORDS**



**Monday, May 07, 2012**

**Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701**

**Project ID: WELLESLEY HS  
Sample ID#s: BB77699 - BB77722**

**This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.**

**This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.**

**A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.**

**If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.**

**Sincerely yours,**

A handwritten signature in black ink, appearing to read "Phyllis Shiller", is written over a light blue horizontal line.

**Phyllis Shiller  
Laboratory Director**

**NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B**

**NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 10:30  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77699

Project ID: WELLESLEY HS

Client ID: SOIL-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	85		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		BB/D	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.39	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.39	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.39	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.39	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	3.4	0.39	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.39	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.39	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.39	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.39	mg/Kg	05/02/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	96		%	05/02/12		MH	30 - 150 %
% TCMX	94		%	05/02/12		MH	30 - 150 %



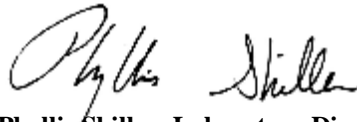
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/25/12      10:35  
04/26/12      17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77700

Project ID: WELLESLEY HS

Client ID: SOIL-1A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	86		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		BB/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.076	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.076	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.076	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.076	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.076	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.076	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.076	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.076	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.076	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	82		%	05/01/12		MH	30 - 150 %
% TCMX	71		%	05/01/12		MH	30 - 150 %

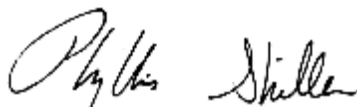
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

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Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 10:40  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77701

Project ID: WELLESLEY HS

Client ID: SOIL-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	80		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		BB/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.081	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.081	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.081	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.081	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.081	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	0.39	0.081	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.081	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.081	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.081	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	96		%	05/01/12		MH	30 - 150 %
% TCMX	89		%	05/01/12		MH	30 - 150 %

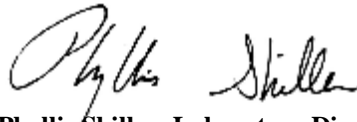
Parameter	Result	RL	Units	Date	Time	By	Reference
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**May 07, 2012**

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Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date Time

04/25/12 10:45  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77702

Project ID: WELLESLEY HS

Client ID: SOIL-2A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	79		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		BB/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.083	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.083	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.083	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.083	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.083	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	0.37	0.083	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.083	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.083	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.083	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	92		%	05/01/12		MH	30 - 150 %
% TCMX	92		%	05/01/12		MH	30 - 150 %

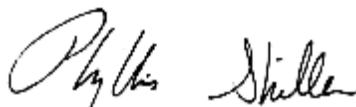
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

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Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 10:50  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77703

Project ID: WELLESLEY HS

Client ID: SOIL-3A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	74		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		BB/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	82		%	05/01/12		MH	30 - 150 %
% TCMX	83		%	05/01/12		MH	30 - 150 %



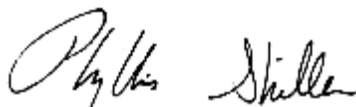
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/25/12      10:55  
04/26/12      17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77704

Project ID: WELLESLEY HS

Client ID: SOIL-3B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	70		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		BB/D	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	0.17	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	82		%	05/01/12		MH	30 - 150 %
% TCMX	74		%	05/01/12		MH	30 - 150 %

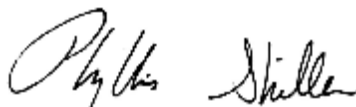
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 11:00  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77705

Project ID: WELLESLEY HS

Client ID: SOIL-3C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	74		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		BB/D	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	72		%	05/01/12		MH	30 - 150 %
% TCMX	82		%	05/01/12		MH	30 - 150 %

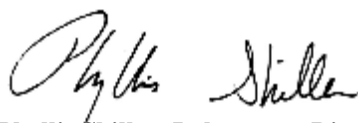
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 11:10  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77706

Project ID: WELLESLEY HS

Client ID: SOIL-4A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	73		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		BB/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	0.2	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	72		%	05/01/12		MH	30 - 150 %
% TCMX	91		%	05/01/12		MH	30 - 150 %

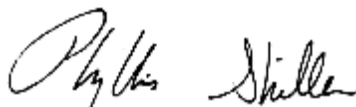
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

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Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 11:15  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77707

Project ID: WELLESLEY HS  
Client ID: SOIL-4B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	65		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		BB/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	73		%	05/01/12		MH	30 - 150 %
% TCMX	80		%	05/01/12		MH	30 - 150 %



Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date Time

04/25/12 11:20  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77708

Project ID: WELLESLEY HS  
Client ID: SOIL-4C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	71		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	69		%	05/01/12		MH	30 - 150 %
% TCMX	92		%	05/01/12		MH	30 - 150 %

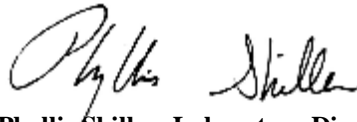
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 11:25  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77709

Project ID: WELLESLEY HS

Client ID: SOIL-5A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	75		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.088	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.088	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.088	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.088	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.088	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	0.1	0.088	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.088	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.088	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.088	mg/Kg	05/01/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	86	%	05/01/12		MH	30 - 150 %
% TCMX	95	%	05/01/12		MH	30 - 150 %

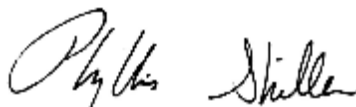
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 11:30  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77710

Project ID: WELLESLEY HS

Client ID: SOIL-5B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	66		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	71		%	05/01/12		MH	30 - 150 %
% TCMX	78		%	05/01/12		MH	30 - 150 %

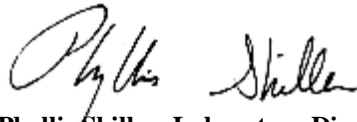
Parameter	Result	RL	Units	Date	Time	By	Reference
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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/25/12      11:35  
04/26/12      17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77711

Project ID: WELLESLEY HS  
Client ID: SOIL-5C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	73		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.091	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	67		%	05/01/12		MH	30 - 150 %
% TCMX	78		%	05/01/12		MH	30 - 150 %



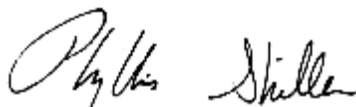
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 07, 2012**

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 11:40  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77712

Project ID: WELLESLEY HS

Client ID: SOIL-6A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	74		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.089	mg/Kg	05/01/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	73		%	05/01/12		MH	30 - 150 %
% TCMX	82		%	05/01/12		MH	30 - 150 %

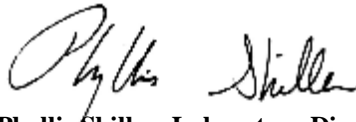
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date Time

04/25/12 11:45  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77713

Project ID: WELLESLEY HS

Client ID: SOIL-6B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	70		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	60		%	05/01/12		MH	30 - 150 %
% TCMX	81		%	05/01/12		MH	30 - 150 %

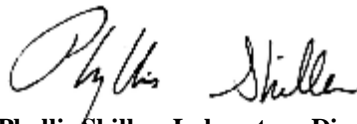
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 07, 2012**

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Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 11:50  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77714

Project ID: WELLESLEY HS  
Client ID: SOIL-6C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	66		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	73		%	05/01/12		MH	30 - 150 %
% TCMX	87		%	05/01/12		MH	30 - 150 %

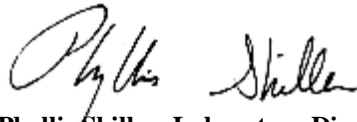
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date Time

04/25/12 11:55  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77715

Project ID: WELLESLEY HS

Client ID: SOIL-7A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	72		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.09	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.09	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.09	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.09	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.09	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.09	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.09	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.09	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.09	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	62		%	05/01/12		MH	30 - 150 %
% TCMX	85		%	05/01/12		MH	30 - 150 %



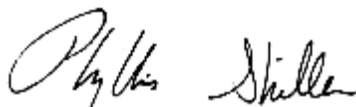
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 07, 2012**

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Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/25/12      12:05  
04/26/12      17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77716

Project ID: WELLESLEY HS

Client ID: SOIL-7B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	70		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1221	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1232	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1242	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1248	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1254	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1260	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1262	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1268	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	96		%	04/30/12		MH	30 - 150 %
% TCMX	91		%	04/30/12		MH	30 - 150 %

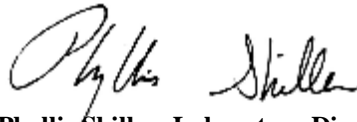
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 12:10  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77717

Project ID: WELLESLEY HS

Client ID: SOIL-7C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	70		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.092	mg/Kg	04/30/12		MH	3540C/8082
PCB-1221	ND	0.092	mg/Kg	04/30/12		MH	3540C/8082
PCB-1232	ND	0.092	mg/Kg	04/30/12		MH	3540C/8082
PCB-1242	ND	0.092	mg/Kg	04/30/12		MH	3540C/8082
PCB-1248	ND	0.092	mg/Kg	04/30/12		MH	3540C/8082
PCB-1254	ND	0.092	mg/Kg	04/30/12		MH	3540C/8082
PCB-1260	ND	0.092	mg/Kg	04/30/12		MH	3540C/8082
PCB-1262	ND	0.092	mg/Kg	04/30/12		MH	3540C/8082
PCB-1268	ND	0.092	mg/Kg	04/30/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	82		%	04/30/12		MH	30 - 150 %
% TCMX	83		%	04/30/12		MH	30 - 150 %

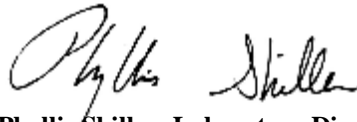
Parameter	Result	RL	Units	Date	Time	By	Reference
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## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 12:15  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77718

Project ID: WELLESLEY HS

Client ID: SOIL-8A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	75		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1221	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1232	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1242	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1248	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1254	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1260	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1262	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1268	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	110		%	04/30/12		MH	30 - 150 %
% TCMX	95		%	04/30/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-8A

Phoenix I.D.: BB77718

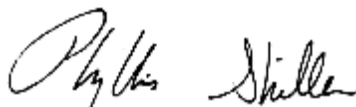
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 07, 2012**

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 12:20  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77719

Project ID: WELLESLEY HS

Client ID: SOIL-8B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	70		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.094	mg/Kg	04/30/12		MH	3540C/8082
PCB-1221	ND	0.094	mg/Kg	04/30/12		MH	3540C/8082
PCB-1232	ND	0.094	mg/Kg	04/30/12		MH	3540C/8082
PCB-1242	ND	0.094	mg/Kg	04/30/12		MH	3540C/8082
PCB-1248	ND	0.094	mg/Kg	04/30/12		MH	3540C/8082
PCB-1254	ND	0.094	mg/Kg	04/30/12		MH	3540C/8082
PCB-1260	ND	0.094	mg/Kg	04/30/12		MH	3540C/8082
PCB-1262	ND	0.094	mg/Kg	04/30/12		MH	3540C/8082
PCB-1268	ND	0.094	mg/Kg	04/30/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	85		%	04/30/12		MH	30 - 150 %
% TCMX	81		%	04/30/12		MH	30 - 150 %



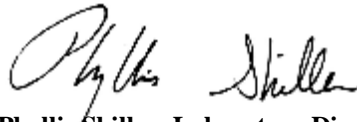
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 12:30  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77720

Project ID: WELLESLEY HS

Client ID: SOIL-8C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	74		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1221	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1232	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1242	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1248	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1254	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1260	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1262	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
PCB-1268	ND	0.089	mg/Kg	04/30/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	47		%	04/30/12		MH	30 - 150 %
% TCMX	44		%	04/30/12		MH	30 - 150 %

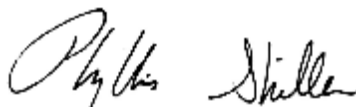
Parameter	Result	RL	Units	Date	Time	By	Reference
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Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/25/12      12:35  
04/26/12      17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77721

Project ID: WELLESLEY HS

Client ID: SOIL-9A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	69		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.095	mg/Kg	04/30/12		MH	3540C/8082
PCB-1221	ND	0.095	mg/Kg	04/30/12		MH	3540C/8082
PCB-1232	ND	0.095	mg/Kg	04/30/12		MH	3540C/8082
PCB-1242	ND	0.095	mg/Kg	04/30/12		MH	3540C/8082
PCB-1248	ND	0.095	mg/Kg	04/30/12		MH	3540C/8082
PCB-1254	ND	0.095	mg/Kg	04/30/12		MH	3540C/8082
PCB-1260	ND	0.095	mg/Kg	04/30/12		MH	3540C/8082
PCB-1262	ND	0.095	mg/Kg	04/30/12		MH	3540C/8082
PCB-1268	ND	0.095	mg/Kg	04/30/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	60		%	04/30/12		MH	30 - 150 %
% TCMX	53		%	04/30/12		MH	30 - 150 %

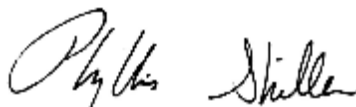
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 12:40  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77699  
Phoenix ID: BB77722

Project ID: WELLESLEY HS

Client ID: SOIL-9B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	66		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	78		%	04/30/12		MH	30 - 150 %
% TCMX	78		%	04/30/12		MH	30 - 150 %

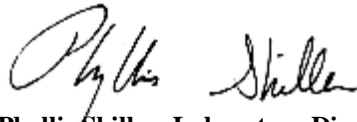
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## QA/QC Report

May 07, 2012

### QA/QC Data

SDG I.D.: GBB77699

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 199448, QC Sample No: BB77551 (BB77699, BB77700, BB77701, BB77702, BB77703, BB77704, BB77705, BB77706, BB77707)									
<u>Polychlorinated Biphenyls - Solid</u>									
PCB-1016	ND	84	83	1.2				40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	83	84	1.2				40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	82	73	72	1.4				30 - 150	20
% TCMX (Surrogate Rec)	80	71	69	2.9				30 - 150	20
QA/QC Batch 199449, QC Sample No: BB77724 (BB77708, BB77709, BB77710, BB77711, BB77712, BB77713, BB77714, BB77715, BB77716, BB77717, BB77718, BB77719, BB77720, BB77721, BB77722)									
<u>Polychlorinated Biphenyls - Solid</u>									
PCB-1016	ND	87	88	1.1		90		40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	84	84	0.0		115		40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	102	73	72	1.4		74		30 - 150	20
% TCMX (Surrogate Rec)	97	73	73	0.0		72		30 - 150	20

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

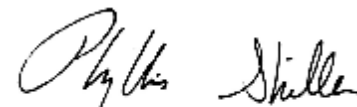
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

  
Phyllis Shiller, Laboratory Director  
May 07, 2012









Tuesday, May 15, 2012

Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

Project ID: WELLESLEY HS  
Sample ID#s: BB77723 - BB77741

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller", is written over a light blue horizontal line.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 12:45  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77723

Project ID: WELLESLEY HS

Client ID: SOIL-9C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	70		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1221	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1232	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1242	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1248	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1254	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1260	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1262	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
PCB-1268	ND	0.093	mg/Kg	04/30/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	98		%	04/30/12		MH	30 - 150 %
% TCMX	90		%	04/30/12		MH	30 - 150 %

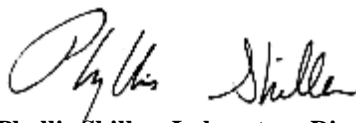
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 12:50  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77724

Project ID: WELLESLEY HS

Client ID: SOIL-10A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	74		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.088	mg/Kg	04/30/12		MH	3540C/8082
PCB-1221	ND	0.088	mg/Kg	04/30/12		MH	3540C/8082
PCB-1232	ND	0.088	mg/Kg	04/30/12		MH	3540C/8082
PCB-1242	ND	0.088	mg/Kg	04/30/12		MH	3540C/8082
PCB-1248	ND	0.088	mg/Kg	04/30/12		MH	3540C/8082
PCB-1254	ND	0.088	mg/Kg	04/30/12		MH	3540C/8082
PCB-1260	ND	0.088	mg/Kg	04/30/12		MH	3540C/8082
PCB-1262	ND	0.088	mg/Kg	04/30/12		MH	3540C/8082
PCB-1268	ND	0.088	mg/Kg	04/30/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	93		%	04/30/12		MH	30 - 150 %
% TCMX	90		%	04/30/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-10A

Phoenix I.D.: BB77724

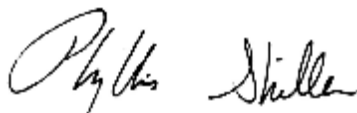
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/25/12      12:55  
04/26/12      17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77725

Project ID: WELLESLEY HS

Client ID: SOIL-10B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	66		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.099	mg/Kg	04/30/12		MH	3540C/8082
PCB-1221	ND	0.099	mg/Kg	04/30/12		MH	3540C/8082
PCB-1232	ND	0.099	mg/Kg	04/30/12		MH	3540C/8082
PCB-1242	ND	0.099	mg/Kg	04/30/12		MH	3540C/8082
PCB-1248	ND	0.099	mg/Kg	04/30/12		MH	3540C/8082
PCB-1254	ND	0.099	mg/Kg	04/30/12		MH	3540C/8082
PCB-1260	ND	0.099	mg/Kg	04/30/12		MH	3540C/8082
PCB-1262	ND	0.099	mg/Kg	04/30/12		MH	3540C/8082
PCB-1268	ND	0.099	mg/Kg	04/30/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	89		%	04/30/12		MH	30 - 150 %
% TCMX	84		%	04/30/12		MH	30 - 150 %



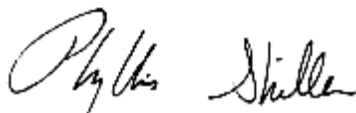
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/25/12      12:57  
04/26/12      17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77726

Project ID: WELLESLEY HS

Client ID: SOIL-10C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	68		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			05/01/12		BM/K	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	88		%	05/02/12		MH	30 - 150 %
% TCMX	34		%	05/02/12		MH	30 - 150 %

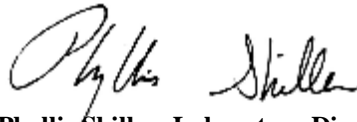
Parameter	Result	RL	Units	Date	Time	By	Reference
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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 13:05  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77727

Project ID: WELLESLEY HS

Client ID: SOIL-11A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	66		%	04/26/12		JL	E160.3
Extraction for PCB	Completed			04/27/12		LM/D	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	04/30/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	90		%	04/30/12		MH	30 - 150 %
% TCMX	87		%	04/30/12		MH	30 - 150 %

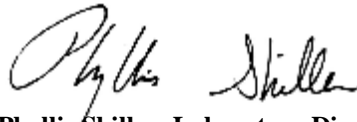
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 13:10  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77728

Project ID: WELLESLEY HS

Client ID: SOIL-11B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	65		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	93		%	05/02/12		MH	30 - 150 %
% TCMX	94		%	05/02/12		MH	30 - 150 %

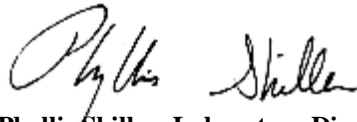
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 13:15  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77729

Project ID: WELLESLEY HS

Client ID: SOIL-11C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	67		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	105		%	05/02/12		MH	30 - 150 %
% TCMX	100		%	05/02/12		MH	30 - 150 %



Project ID: WELLESLEY HS  
Client ID: SOIL-11C

Phoenix I.D.: BB77729

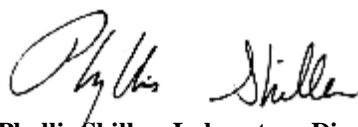
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 13:50  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77730

Project ID: WELLESLEY HS

Client ID: SOIL-12A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	63		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	91		%	05/02/12		MH	30 - 150 %
% TCMX	90		%	05/02/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 14:00  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77731

Project ID: WELLESLEY HS

Client ID: SOIL-12B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	65		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	0.13	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	97		%	05/02/12		MH	30 - 150 %
% TCMX	95		%	05/02/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

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Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/25/12      14:05  
04/26/12      17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77732

Project ID: WELLESLEY HS

Client ID: SOIL-12C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	66		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.099	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.099	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.099	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.099	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.099	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.099	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.099	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.099	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.099	mg/Kg	05/02/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	79		%	05/02/12		MH	30 - 150 %
% TCMX	81		%	05/02/12		MH	30 - 150 %

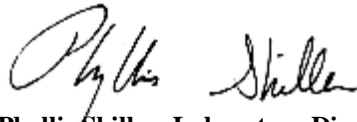
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

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Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 14:10  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77733

Project ID: WELLESLEY HS

Client ID: SOIL-13A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	70		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.093	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.093	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.093	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.093	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.093	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.093	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.093	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.093	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.093	mg/Kg	05/02/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	114		%	05/02/12		MH	30 - 150 %
% TCMX	94		%	05/02/12		MH	30 - 150 %



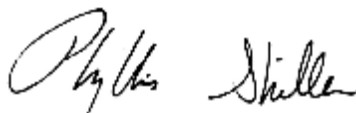
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 15, 2012**

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Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 14:15  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77734

Project ID: WELLESLEY HS

Client ID: SOIL-13B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	62		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	74		%	05/02/12		MH	30 - 150 %
% TCMX	66		%	05/02/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-13B

Phoenix I.D.: BB77734

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

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## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 14:20  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77735

Project ID: WELLESLEY HS

Client ID: SOIL-13C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	67		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.098	mg/Kg	05/02/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	96		%	05/02/12		MH	30 - 150 %
% TCMX	96		%	05/02/12		MH	30 - 150 %

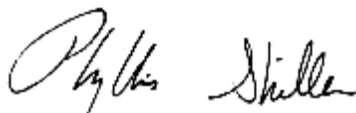
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 14:25  
04/26/12 17:00

### Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77736

Project ID: WELLESLEY HS

Client ID: SOIL-14A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	61		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	96		%	05/02/12		MH	30 - 150 %
% TCMX	98		%	05/02/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-14A

Phoenix I.D.: BB77736

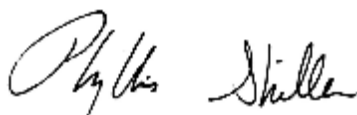
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 14:30  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77737

Project ID: WELLESLEY HS

Client ID: SOIL-14B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	63		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	121		%	05/02/12		MH	30 - 150 %
% TCMX	110		%	05/02/12		MH	30 - 150 %



Project ID: WELLESLEY HS  
Client ID: SOIL-14B

Phoenix I.D.: BB77737

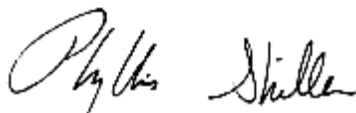
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 14:35  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77738

Project ID: WELLESLEY HS

Client ID: SOIL-14C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	59		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.11	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.11	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.11	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.11	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.11	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.11	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.11	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.11	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.11	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	100		%	05/02/12		MH	30 - 150 %
% TCMX	103		%	05/02/12		MH	30 - 150 %

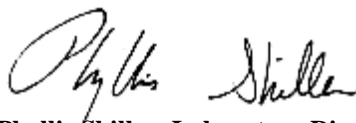
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



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Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 11:20  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77739

Project ID: WELLESLEY HS

Client ID: SOIL-4C DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	68		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	0.2	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	109		%	05/02/12		MH	30 - 150 %
% TCMX	105		%	05/02/12		MH	30 - 150 %

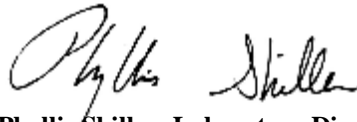
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 11:55  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77740

Project ID: WELLESLEY HS

Client ID: SOIL-7A DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	73		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.09	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.09	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.09	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.09	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.09	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.09	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.09	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.09	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.09	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	88		%	05/02/12		MH	30 - 150 %
% TCMX	96		%	05/02/12		MH	30 - 150 %

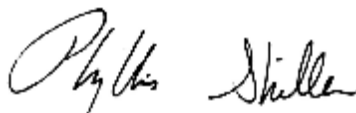
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/25/12 13:05  
04/26/12 17:00

## Laboratory Data

SDG ID: GBB77723  
Phoenix ID: BB77741

Project ID: WELLESLEY HS

Client ID: SOIL-11A DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	65		%	04/26/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	117		%	05/02/12		MH	30 - 150 %
% TCMX	110		%	05/02/12		MH	30 - 150 %



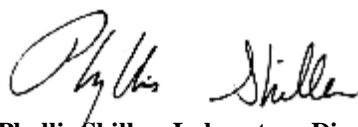
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## QA/QC Report

May 15, 2012

### QA/QC Data

SDG I.D.: GBB77723

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 199449, QC Sample No: BB77724 (BB77723, BB77724, BB77725, BB77726, BB77727)									
<u>Polychlorinated Biphenyls - Solid</u>									
PCB-1016	ND	87	88	1.1	94	90	4.3	40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	84	84	0.0	116	115	0.9	40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	102	73	72	1.4	86	74	15.0	30 - 150	20
% TCMX (Surrogate Rec)	97	73	73	0.0	77	72	6.7	30 - 150	20
QA/QC Batch 199621, QC Sample No: BB77729 (BB77728, BB77729, BB77730, BB77731, BB77732, BB77733, BB77734, BB77735, BB77736, BB77737, BB77738, BB77739, BB77740, BB77741)									
<u>Polychlorinated Biphenyls - Solid</u>									
PCB-1016	ND		101		115	117	1.7	40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND		100		83	87	4.7	40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	91		83		82	86	4.8	30 - 150	20
% TCMX (Surrogate Rec)	97		85		84	86	2.4	30 - 150	20

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

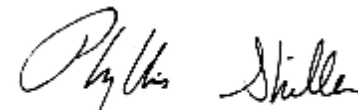
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

  
Phyllis Shiller, Laboratory Director  
May 15, 2012



CHAIN OF CUSTODY RECORD

567 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com Fax (860) 545-0823

Client Services (860) 645-8726

Temp 60 Pg 2 of 4

Data Delivery:

☐ Fax #

☐ Email:

Customer:

Address:

Project:

Report to:

Invoice to:

Project P.O.:

Phone #:

Fax #:

Client Sample - Information - Identification

Sampler's Signature

Date:

Analysis Request

Matrix Code:  
DW=drinking water  
GW=groundwater

WW=wastewater S=soil/solid O=oil  
SL=sludge A=air X=other

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
77723	SOL-96	S	4/28/12	1245
77724	SOL-100	S	4/28/12	1300
77725	SOL-100	S	4/28/12	1305
77726	SOL-100	S	4/28/12	1310
77727	SOL-110	S	4/28/12	1315
77728	SOL-110	S	4/28/12	1320
77729	SOL-110	S	4/28/12	1325
77730	SOL-120	S	4/28/12	1330
77731	SOL-120	S	4/28/12	1335
77732	SOL-120	S	4/28/12	1340
77733	SOL-130	S	4/28/12	1345
77734	SOL-130	S	4/28/12	1350
77735	SOL-130	S	4/28/12	1355

Relinquished by:

Accepted by:

Date:

Time:

Turnaround:

CT/RI

MA

Data Format

☐ 1 Day\*

☐ 2 Days\*

☐ 3 Days\*

☐ Standard

☐ Other

☐ RCP Cert

☐ GW Protect

☐ GA Mobility

☐ GB Mobility

☐ SW Protection

☐ Res. Vol.

☐ Ind. Vol.

☐ Res. Criteria

☐ Other

☐ MCP Certification

☐ GW-1

☐ GW-2

☐ GW-3

☐ S-1

☐ S-2

☐ S-3

☐ MWRA eSMART

☐ Other

☐ Excel

☐ PDF

☐ GIS/Key

☐ EQUIS

☐ Other

Comments, Special Requirements or Regulations:

RE: unknown liquid

State where samples were collected: MA

Data Package

☐ ASP-A

☐ NJ Reduced Deliv. \*

☐ NJ Hazsite EDD

☐ Phoenix Std Report

☐ Other



# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-8726

Temp 6 Pg 1 of 1

## Data Delivery:

☐ Fax #  
☐ Email

Customer:

Address:

Project:

Report to:

Invoice to:

Project P.O.:

Phone #:

Fax #:

Sampler's Signature

Client Sample Information - Identification

Date

Matrix Code:

DW=drinking water

GW=groundwater

SL=sludge

WW=wastewater

S=soil/solid

O=oil

A=air

X=other

Customer Sample Identification

Sample Matrix

Date Sampled

Time Sampled

77735

77736

77737

77738

77739

77740

77741

Relinquished by:

Accepted by:

Date:

Time:

Turnaround:

1 Day\*

2 Days\*

3 Days\*

Standard

Other

\*SURCHARGE APPLIES

CT/RI

RCP Cert

GW Protect

GA Mobility

GB Mobility

SW Protection

Res. Vol.

Ind. Vol.

Res. Criteria

MA

MCP Certification

GW-1

GW-2

GW-3

S-1

S-2

S-3

MWRA eSMART

Other

Data Format

Excel

PDF

GIS/Key

EQ/IS

Other

Data Package

ASP-A

NJ Reduced Deliv.

NJ Hazsite EDO

Phoenix Std Report

Other

State where samples were collected:



Tuesday, May 15, 2012

Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

Project ID: WELLESLEY HS  
Sample ID#s: BB78173 - BB78196

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      9:00  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78173

Project ID: WELLESLEY HS

Client ID: SOIL-15A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	69		%	04/27/12		JL	E160.3
Extraction for PCB	Completed			04/30/12		BB/K	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.095	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	90		%	05/01/12		MH	30 - 150 %
% TCMX	93		%	05/01/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-15A

Phoenix I.D.: BB78173

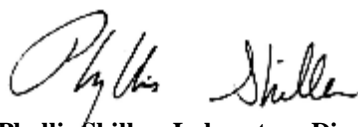
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      9:10  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78174

Project ID: WELLESLEY HS

Client ID: SOIL-15B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	68		%	04/27/12		JL	E160.3
Extraction for PCB	Completed			04/30/12		BB/K	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.097	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.097	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.097	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.097	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.097	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.097	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.097	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.097	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.097	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	90		%	05/01/12		MH	30 - 150 %
% TCMX	100		%	05/01/12		MH	30 - 150 %



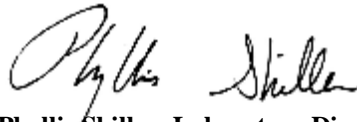
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      9:15  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78175

Project ID: WELLESLEY HS

Client ID: SOIL-15C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	57		%	04/27/12		JL	E160.3
Extraction for PCB	Completed			04/30/12		BB/K	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.12	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.12	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.12	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.12	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.12	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.12	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.12	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.12	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.12	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	90		%	05/01/12		MH	30 - 150 %
% TCMX	96		%	05/01/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-15C

Phoenix I.D.: BB78175

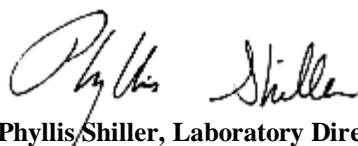
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      9:20  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78176

Project ID: WELLESLEY HS

Client ID: SOIL-15A DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	70		%	04/27/12		JL	E160.3
Extraction for PCB	Completed			04/30/12		BB/K	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.094	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	97		%	05/01/12		MH	30 - 150 %
% TCMX	96		%	05/01/12		MH	30 - 150 %

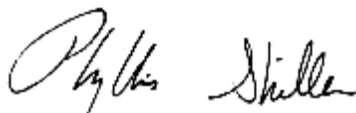
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      9:21  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78177

Project ID: WELLESLEY HS

Client ID: SOIL-16A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	60		%	04/27/12		JL	E160.3
Extraction for PCB	Completed			04/30/12		BB/K	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.11	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.11	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.11	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.11	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.11	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	0.22	0.11	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.11	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.11	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.11	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	80		%	05/01/12		MH	30 - 150 %
% TCMX	108		%	05/01/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-16A

Phoenix I.D.: BB78177

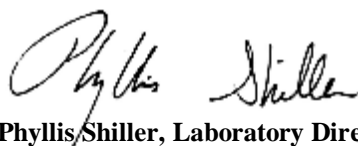
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      9:22  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78178

Project ID: WELLESLEY HS

Client ID: SOIL-16B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	64		%	04/27/12		JL	E160.3
Extraction for PCB	Completed			04/30/12		BB/K	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	*	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	*	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
Total PCBs	1.4	0.1	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	104		%	05/02/12		MH	30 - 150 %
% TCMX	108		%	05/02/12		MH	30 - 150 %



Parameter	Result	RL	Units	Date	Time	By	Reference
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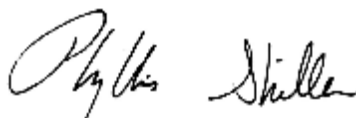
Comments:

\* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      9:30  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78179

Project ID: WELLESLEY HS

Client ID: SOIL-16C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	70		%	04/27/12		JL	E160.3
Extraction for PCB	Completed			04/30/12		BB/K	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.093	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	96		%	05/01/12		MH	30 - 150 %
% TCMX	100		%	05/01/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

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Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date Time

04/26/12 9:35  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78180

Project ID: WELLESLEY HS

Client ID: SOIL-17A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	64		%	04/27/12		JL	E160.3
Extraction for PCB	Completed			04/30/12		BB/K	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	88		%	05/01/12		MH	30 - 150 %
% TCMX	93		%	05/01/12		MH	30 - 150 %

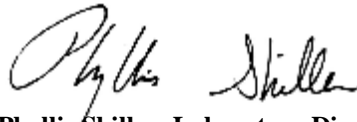
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 9:40  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78181

Project ID: WELLESLEY HS

Client ID: SOIL-17B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	63		%	04/27/12		JL	E160.3
Extraction for PCB	Completed			04/30/12		BB/K	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/01/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	96		%	05/01/12		MH	30 - 150 %
% TCMX	94		%	05/01/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-17B

Phoenix I.D.: BB78181

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      9:50  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78182

Project ID: WELLESLEY HS

Client ID: SOIL-17C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	68		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*3	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.095	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.095	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.095	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.095	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.095	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.095	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.095	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.095	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.095	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	106		%	05/02/12		MH	30 - 150 %
% TCMX	102		%	05/02/12		MH	30 - 150 %



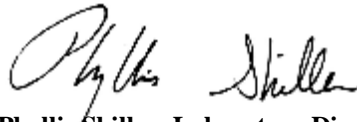
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      9:55  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78183

Project ID: WELLESLEY HS

Client ID: SOIL-18A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	68		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*3	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	99		%	05/02/12		MH	30 - 150 %
% TCMX	101		%	05/02/12		MH	30 - 150 %

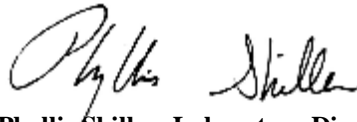
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 10:00  
04/27/12 15:53

### Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78184

Project ID: WELLESLEY HS

Client ID: SOIL-18B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	66		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*3	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	91		%	05/02/12		MH	30 - 150 %
% TCMX	87		%	05/02/12		MH	30 - 150 %

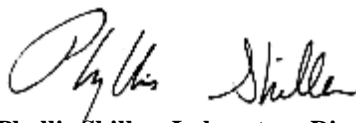
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      10:15  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78185

Project ID: WELLESLEY HS

Client ID: SOIL-18C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	65		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*3	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.097	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	96		%	05/02/12		MH	30 - 150 %
% TCMX	100		%	05/02/12		MH	30 - 150 %

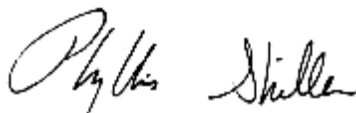
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 10:20  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78186

Project ID: WELLESLEY HS

Client ID: SOIL-18B DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	72		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*3	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.091	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.091	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.091	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.091	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.091	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.091	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.091	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.091	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.091	mg/Kg	05/02/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	97		%	05/02/12		MH	30 - 150 %
% TCMX	100		%	05/02/12		MH	30 - 150 %



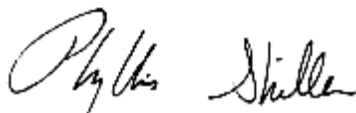
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

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Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      10:25  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78187

Project ID: WELLESLEY HS

Client ID: SOIL-19A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	69		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.096	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.096	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.096	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.096	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.096	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.096	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.096	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.096	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.096	mg/Kg	05/02/12		MH	3540C/8082

### QA/QC Surrogates

% DCBP	98		%	05/02/12		MH	30 - 150 %
% TCMX	100		%	05/02/12		MH	30 - 150 %

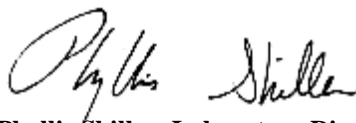
Parameter	Result	RL	Units	Date	Time	By	Reference
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**May 15, 2012**

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## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      10:30  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78188

Project ID: WELLESLEY HS

Client ID: SOIL-19B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	55		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.12	mg/Kg	05/02/12		MH	3540C/8082
PCB-1221	ND	0.12	mg/Kg	05/02/12		MH	3540C/8082
PCB-1232	ND	0.12	mg/Kg	05/02/12		MH	3540C/8082
PCB-1242	ND	0.12	mg/Kg	05/02/12		MH	3540C/8082
PCB-1248	ND	0.12	mg/Kg	05/02/12		MH	3540C/8082
PCB-1254	ND	0.12	mg/Kg	05/02/12		MH	3540C/8082
PCB-1260	ND	0.12	mg/Kg	05/02/12		MH	3540C/8082
PCB-1262	ND	0.12	mg/Kg	05/02/12		MH	3540C/8082
PCB-1268	ND	0.12	mg/Kg	05/02/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	90		%	05/02/12		MH	30 - 150 %
% TCMX	96		%	05/02/12		MH	30 - 150 %

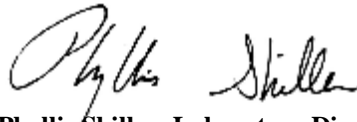
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 10:35  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78189

Project ID: WELLESLEY HS  
Client ID: SOIL-19C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	54		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	119		%	05/03/12		M/K	30 - 150 %
% TCMX	98		%	05/03/12		M/K	30 - 150 %

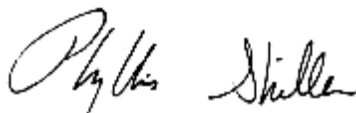
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



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Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 10:40  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78190

Project ID: WELLESLEY HS

Client ID: SOIL-20A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	59		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	121		%	05/03/12		M/K	30 - 150 %
% TCMX	97		%	05/03/12		M/K	30 - 150 %



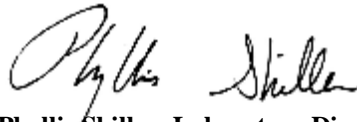
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

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Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 10:45  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78191

Project ID: WELLESLEY HS

Client ID: SOIL-20B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	77		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.084	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.084	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.084	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.084	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.084	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.084	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.084	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.084	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.084	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	124		%	05/03/12		M/K	30 - 150 %
% TCMX	98		%	05/03/12		M/K	30 - 150 %

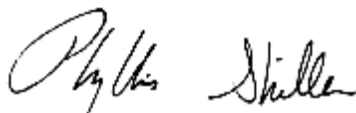
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

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Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      10:50  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78192

Project ID: WELLESLEY HS

Client ID: SOIL-20C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	56		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	122		%	05/03/12		M/K	30 - 150 %
% TCMX	102		%	05/03/12		M/K	30 - 150 %

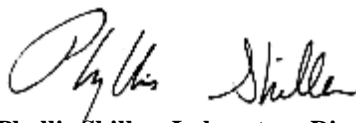
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 10:55  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78193

Project ID: WELLESLEY HS

Client ID: SOIL-21A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	72		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	115		%	05/03/12		M/K	30 - 150 %
% TCMX	97		%	05/03/12		M/K	30 - 150 %

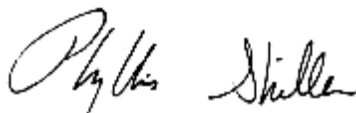
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 10:59  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78194

Project ID: WELLESLEY HS

Client ID: SOIL-21B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	56		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	122		%	05/03/12		M/K	30 - 150 %
% TCMX	101		%	05/03/12		M/K	30 - 150 %



Project ID: WELLESLEY HS  
Client ID: SOIL-21B

Phoenix I.D.: BB78194

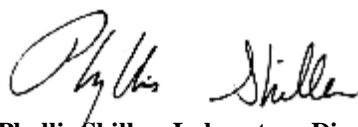
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 11:00  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78195

Project ID: WELLESLEY HS

Client ID: SOIL-21C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	52		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	116		%	05/03/12		M/K	30 - 150 %
% TCMX	94		%	05/03/12		M/K	30 - 150 %

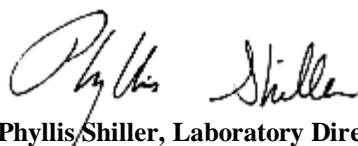
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 15, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      11:10  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78173  
Phoenix ID: BB78196

Project ID: WELLESLEY HS

Client ID: SOIL-22A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	63		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	105		%	05/03/12		M/K	30 - 150 %
% TCMX	108		%	05/03/12		M/K	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 15, 2012**

**Reviewed and Released by: Sarah Bell, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## QA/QC Report

May 15, 2012

### QA/QC Data

SDG I.D.: GBB78173

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 199621, QC Sample No: BB77729 (BB78182, BB78183, BB78184, BB78185, BB78186, BB78187)									
<u>Polychlorinated Biphenyls - Solid</u>									
PCB-1016	ND		101		115	117	1.7	40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND		100		83	87	4.7	40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	91		83		82	86	4.8	30 - 150	20
% TCMX (Surrogate Rec)	97		85		84	86	2.4	30 - 150	20
QA/QC Batch 199529, QC Sample No: BB78129 (BB78173, BB78174, BB78175, BB78176, BB78177, BB78178, BB78179, BB78180, BB78181)									
<u>Polychlorinated Biphenyls - Solid</u>									
PCB-1016	ND	86	101	16.0				40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	98	107	8.8				40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	101	87	95	8.8				30 - 150	20
% TCMX (Surrogate Rec)	91	78	87	10.9				30 - 150	20
Comment:									
* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.									
QA/QC Batch 199622, QC Sample No: BB78193 (BB78188, BB78189, BB78190, BB78191, BB78192, BB78193, BB78194, BB78195, BB78196)									
<u>Polychlorinated Biphenyls - Solid</u>									
PCB-1016	ND		109		121	126	4.0	40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND		121		96	94	2.1	40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20

## QA/QC Data

SDG I.D.: GBB78173

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% DCBP (Surrogate Rec)	117		111		96	89	7.6	30 - 150	20
% TCMX (Surrogate Rec)	99		95		86	81	6.0	30 - 150	20

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

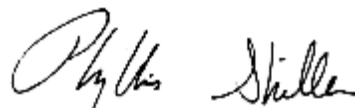
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

May 15, 2012



# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com Fax (860) 645-0823

Environmental Laboratories, Inc.

Customer:

Address:

40 Spear St  
Spartanburg, SC 29301

Phoenix Environmental Laboratories, Inc.

Project:

Report to:

Invoice to:

Wetzel High School

Spartanburg, SC

CDM

Project P.O.:

Phone #:

Fax #:

Client Services (860) 645-8726

Email: [info@phoenixlabs.com](mailto:info@phoenixlabs.com)

Temp 6 Pg 1 of 4

Data Delivery:

Fax #:

Email:

Client Sample - Information - Identification

Date:

Analysis Request

Sampler's Signature

Date:

Matrix Code:

DW=drinking water

GW=groundwater

WW=wastewater

SL=sludge

S=solid/solid

A=air

Q=oil

X=other

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
78173	Soil-15A	S	4/26/12	0900	X
78174	Soil-15B			0910	
78175	Soil-15C			0915	
78176	Soil-15A Dup			0920	
78177	Soil-16A			0921	
78178	Soil-16B			0922	
78179	Soil-16C			0930	
78180	Soil-17a			0935	
78182	Soil-17b			0940	
78183	Soil-17c			0950	
78184	Soil-18a			0955	
78185	Soil-18b			1000	

Relinquished by:	Accepted by:	Date:	Time:
<i>[Signature]</i>	<i>[Signature]</i>	4/27/12	1315
Comments, Special Requirements or Regulations:		Date:	Time:
TSCA Vibration Units		4/27/12	1553
State where samples were collected: <i>SC</i>			

Turnaround:	CTRI	MA	Data Format
<input type="checkbox"/> 1 Day*	<input type="checkbox"/> RCP Cert	<input type="checkbox"/> MCP Certification	<input type="checkbox"/> Excel
<input type="checkbox"/> 2 Days*	<input type="checkbox"/> GW Protect	<input type="checkbox"/> GW-1	<input type="checkbox"/> PDF
<input type="checkbox"/> 3 Days*	<input type="checkbox"/> GA Mobility	<input type="checkbox"/> GW-2	<input type="checkbox"/> GIS/Key
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> GB Mobility	<input type="checkbox"/> GW-3	<input type="checkbox"/> EQUIS
<input type="checkbox"/> Other	<input type="checkbox"/> SW Protection	<input type="checkbox"/> S-1	<input type="checkbox"/> Other
* SURCHARGE APPLIES		<input type="checkbox"/> Res. Vol.	
		<input type="checkbox"/> Ind. Vol.	
		<input type="checkbox"/> Res. Criteria	
		<input type="checkbox"/> Other	
		<input type="checkbox"/> MWRA eSMART	
		<input type="checkbox"/> ASP-A	
		<input type="checkbox"/> NJ Reduced Deliv.	
		<input type="checkbox"/> NJ Hazsite EDD	
		<input type="checkbox"/> Phoenix Sid Report	
		<input type="checkbox"/> Other	







**Monday, May 07, 2012**

**Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701**

**Project ID: WELLESLEY HS  
Sample ID#s: BB78197 - BB78215**

**This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.**

**This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.**

**A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.**

**If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.**

**Sincerely yours,**

A handwritten signature in black ink, appearing to read "Phyllis Shiller", is written over a light blue horizontal line.

**Phyllis Shiller  
Laboratory Director**

**NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B**

**NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 11:30  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78197

Project ID: WELLESLEY HS

Client ID: SOIL-22B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	62		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082

### QA/QC Surrogates

% DCBP	125		%	05/03/12		M/K	30 - 150 %
% TCMX	100		%	05/03/12		M/K	30 - 150 %

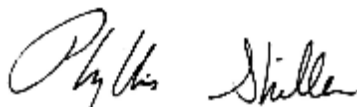
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

### Date      Time

04/26/12      11:35  
04/27/12      15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78198

Project ID: WELLESLEY HS

Client ID: SOIL-22C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	60		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	116		%	05/03/12		M/K	30 - 150 %
% TCMX	94		%	05/03/12		M/K	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-22C

Phoenix I.D.: BB78198

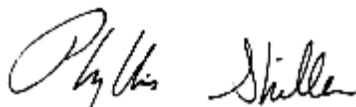
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 11:40  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78199

Project ID: WELLESLEY HS

Client ID: SOIL-22C DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	60		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	120		%	05/03/12		M/K	30 - 150 %
% TCMX	96		%	05/03/12		M/K	30 - 150 %

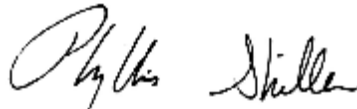
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 11:45  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78200

Project ID: WELLESLEY HS

Client ID: SOIL-23A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	64		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	94		%	05/03/12		M/K	30 - 150 %
% TCMX	82		%	05/03/12		M/K	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-23A

Phoenix I.D.: BB78200

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 11:50  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78201

Project ID: WELLESLEY HS

Client ID: SOIL-23B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	64		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	132		%	05/03/12		M/K	30 - 150 %
% TCMX	95		%	05/03/12		M/K	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-23B

Phoenix I.D.: BB78201

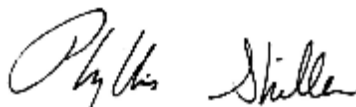
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 11:55  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78202

Project ID: WELLESLEY HS

Client ID: SOIL-23C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	62		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.11	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	122		%	05/03/12		M/K	30 - 150 %
% TCMX	>150		%	05/03/12		M/K	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-23C

Phoenix I.D.: BB78202

Parameter	Result	RL	Units	Date	Time	By	Reference
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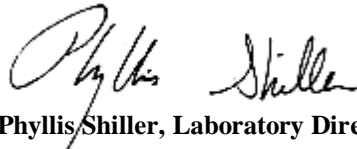
3 = This parameter exceeds laboratory specified limits.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 12:10  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78203

Project ID: WELLESLEY HS

Client ID: SOIL-24A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	75		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	124		%	05/03/12		M/K	30 - 150 %
% TCMX	105		%	05/03/12		M/K	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-24A

Phoenix I.D.: BB78203

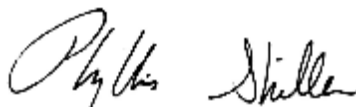
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 12:30  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78204

Project ID: WELLESLEY HS

Client ID: SOIL-24B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	76		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.088	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	122		%	05/03/12		M/K	30 - 150 %
% TCMX	98		%	05/03/12		M/K	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-24B

Phoenix I.D.: BB78204

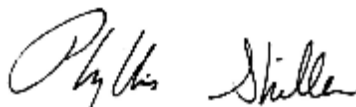
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 12:40  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78205

Project ID: WELLESLEY HS

Client ID: SOIL-24C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	78		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.083	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.083	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.083	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.083	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.083	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.083	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.083	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.083	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.083	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	100		%	05/03/12		M/K	30 - 150 %
% TCMX	75		%	05/03/12		M/K	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-24C

Phoenix I.D.: BB78205

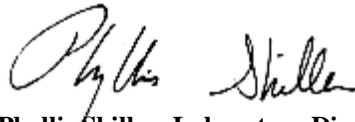
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 07, 2012**

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 12:45  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78206

Project ID: WELLESLEY HS

Client ID: SOIL-25A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	78		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.099	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.099	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.099	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.099	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.099	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.099	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.099	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.099	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.099	mg/Kg	05/03/12		M/K	3540C/8082

### QA/QC Surrogates

% DCBP	100		%	05/03/12		M/K	30 - 150 %
% TCMX	85		%	05/03/12		M/K	30 - 150 %

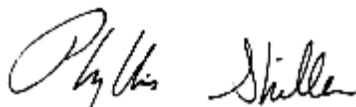
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 07, 2012**

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Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 12:50  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78207

Project ID: WELLESLEY HS

Client ID: SOIL-25B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	79		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082

### QA/QC Surrogates

% DCBP	104		%	05/03/12		M/K	30 - 150 %
% TCMX	82		%	05/03/12		M/K	30 - 150 %

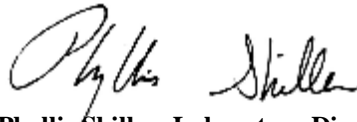
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 12:55  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78208

Project ID: WELLESLEY HS

Client ID: SOIL-25C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	78		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	94		%	05/03/12		M/K	30 - 150 %
% TCMX	77		%	05/03/12		M/K	30 - 150 %

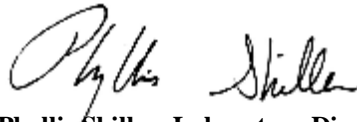
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 13:05  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78209

Project ID: WELLESLEY HS

Client ID: SOIL-26A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	81		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C

### PCB (Soxhlet)

PCB-1016	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082

### QA/QC Surrogates

% DCBP	106		%	05/03/12		M/K	30 - 150 %
% TCMX	88		%	05/03/12		M/K	30 - 150 %

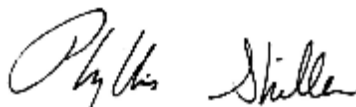
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 13:20  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78210

Project ID: WELLESLEY HS

Client ID: SOIL-26B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	79		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.12	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	99		%	05/03/12		M/K	30 - 150 %
% TCMX	83		%	05/03/12		M/K	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 07, 2012**

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 13:25  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78211

Project ID: WELLESLEY HS

Client ID: SOIL-26C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	78		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	105		%	05/03/12		M/K	30 - 150 %
% TCMX	91		%	05/03/12		M/K	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-26C

Phoenix I.D.: BB78211

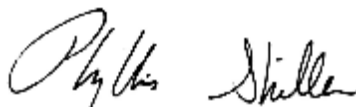
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 13:30  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78212

Project ID: WELLESLEY HS

Client ID: SOIL-27A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	64		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.15	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.15	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.15	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.15	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.15	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.15	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.15	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.15	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.15	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	110		%	05/03/12		M/K	30 - 150 %
% TCMX	90		%	05/03/12		M/K	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-27A

Phoenix I.D.: BB78212

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 14:00  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78213

Project ID: WELLESLEY HS

Client ID: SOIL-27B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	71		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.14	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.14	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.14	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.14	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.14	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.14	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.14	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.14	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.14	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	106		%	05/03/12		M/K	30 - 150 %
% TCMX	90		%	05/03/12		M/K	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-27B

Phoenix I.D.: BB78213

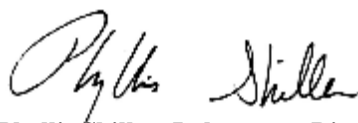
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 14:05  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78214

Project ID: WELLESLEY HS

Client ID: SOIL-27C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	77		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	102		%	05/03/12		M/K	30 - 150 %
% TCMX	87		%	05/03/12		M/K	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL-27C

Phoenix I.D.: BB78214

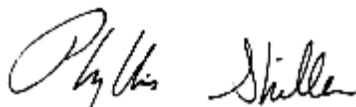
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 07, 2012

FOR: Ms. Kathy Campbell, PE, LSP, LEED, AP  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOLID  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: SW  
Analyzed by: see "By" below

Date Time

04/26/12 14:10  
04/27/12 15:53

## Laboratory Data

SDG ID: GBB78197  
Phoenix ID: BB78215

Project ID: WELLESLEY HS

Client ID: SOIL-28

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	73		%	04/27/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/30/12		*/*	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1221	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1232	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1242	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1248	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1254	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1260	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1262	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
PCB-1268	ND	0.13	mg/Kg	05/03/12		M/K	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	96		%	05/03/12		M/K	30 - 150 %
% TCMX	82		%	05/03/12		M/K	30 - 150 %

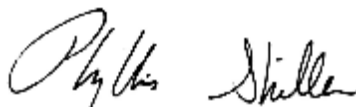
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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**Phyllis Shiller, Laboratory Director**

**May 07, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## QA/QC Report

May 07, 2012

### QA/QC Data

SDG I.D.: GBB78197

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 199623, QC Sample No: BB78209 (BB78208, BB78209, BB78210, BB78211, BB78212, BB78213, BB78214, BB78215)									
<b>Polychlorinated Biphenyls - Solid</b>									
PCB-1016	ND	106	93	13.1	100			40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	114	96	17.1	138			40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	106	98	99	1.0	83			30 - 150	20
% TCMX (Surrogate Rec)	87	87	79	9.6	81			30 - 150	20

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director

May 07, 2012







Friday, May 11, 2012

Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

Project ID: WELLESLEY HS  
Sample ID#s: BB81045 - BB81081

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller", is written over a light blue horizontal line.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 11:15  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81045

Project ID: WELLESLEY HS  
Client ID: SOIL 29A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	80		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.082	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.082	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.082	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.082	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	*	0.082	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	*	0.082	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.082	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.082	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.082	mg/Kg	05/04/12		MH	3540C/8082
Total PCBs	1.1	0.082	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	93		%	05/04/12		MH	30 - 150 %
% TCMX	94		%	05/04/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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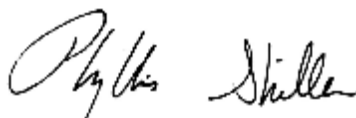
Comments:

\* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 11:20  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81046

Project ID: WELLESLEY HS

Client ID: SOIL 29B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	83		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.08	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.08	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.08	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.08	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	*	0.08	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	*	0.08	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.08	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.08	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.08	mg/Kg	05/04/12		MH	3540C/8082
Total PCBs	0.95	0.08	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	98		%	05/04/12		MH	30 - 150 %
% TCMX	97		%	05/04/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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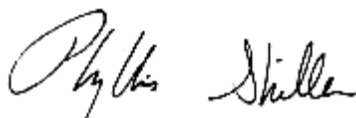
Comments:

\* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 11:25  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81047

Project ID: WELLESLEY HS

Client ID: SOIL 30

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	77		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	*	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
Total PCBs	0.52	0.084	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	105		%	05/04/12		MH	30 - 150 %
% TCMX	110		%	05/04/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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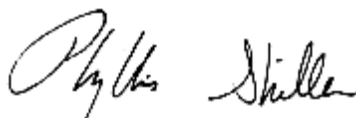
Comments:

\* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1248.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 11:30  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81048

Project ID: WELLESLEY HS

Client ID: SOIL 31A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	71		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.094	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.094	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.094	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.094	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.094	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.094	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.094	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.094	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.094	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	73		%	05/04/12		MH	30 - 150 %
% TCMX	95		%	05/04/12		MH	30 - 150 %

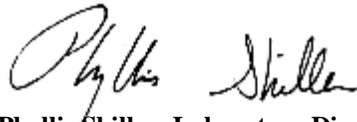
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 11:35  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81049

Project ID: WELLESLEY HS

Client ID: SOIL 31B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	74		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.09	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.09	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.09	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.09	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.09	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.09	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.09	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.09	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.09	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	64		%	05/04/12		MH	30 - 150 %
% TCMX	86		%	05/04/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 31B

Phoenix I.D.: BB81049

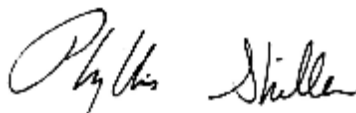
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 11:40  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81050

Project ID: WELLESLEY HS

Client ID: SOIL 32A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	76		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.088	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.088	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.088	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.088	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.088	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.088	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.088	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.088	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.088	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	72		%	05/04/12		MH	30 - 150 %
% TCMX	88		%	05/04/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 32A

Phoenix I.D.: BB81050

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**





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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 11:45  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81051

Project ID: WELLESLEY HS

Client ID: SOIL 32B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	75		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	74		%	05/04/12		MH	30 - 150 %
% TCMX	92		%	05/04/12		MH	30 - 150 %

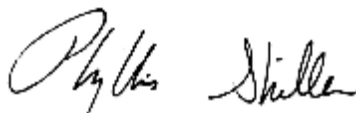
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 11:50  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81052

Project ID: WELLESLEY HS

Client ID: SOIL 33A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	79		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.084	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	76		%	05/04/12		MH	30 - 150 %
% TCMX	88		%	05/04/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 33A

Phoenix I.D.: BB81052

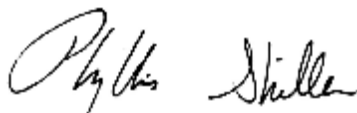
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 11:55  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81053

Project ID: WELLESLEY HS

Client ID: SOIL 33B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	84		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.078	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.078	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.078	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.078	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.078	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.078	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.078	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.078	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.078	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	81		%	05/04/12		MH	30 - 150 %
% TCMX	91		%	05/04/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 33B

Phoenix I.D.: BB81053

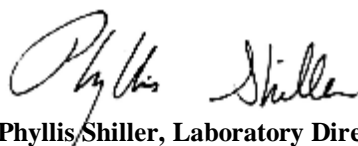
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 12:00  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81054

Project ID: WELLESLEY HS  
Client ID: SOIL 34A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	76		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.086	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	82		%	05/04/12		MH	30 - 150 %
% TCMX	93		%	05/04/12		MH	30 - 150 %

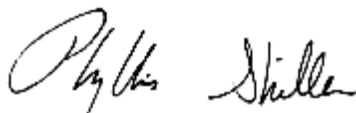
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 12:05  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81055

Project ID: WELLESLEY HS  
Client ID: SOIL34B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	72		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.092	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.092	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.092	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.092	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.092	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.092	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.092	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.092	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.092	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	80		%	05/04/12		MH	30 - 150 %
% TCMX	95		%	05/04/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL34B

Phoenix I.D.: BB81055

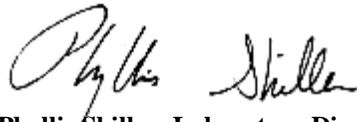
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 12:10  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81056

Project ID: WELLESLEY HS

Client ID: SOIL 35A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	56		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.12	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.12	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.12	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.12	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	*	0.12	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	*	0.12	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.12	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.12	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.12	mg/Kg	05/04/12		MH	3540C/8082
Total PCBs	0.65	0.12	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	84		%	05/04/12		MH	30 - 150 %
% TCMX	100		%	05/04/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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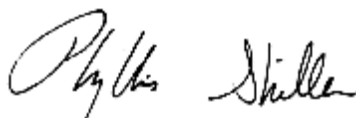
Comments:

\* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 12:30  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81057

Project ID: WELLESLEY HS

Client ID: SOIL 35B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	67		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.098	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.098	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.098	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.098	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.098	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.098	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.098	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.098	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.098	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	80		%	05/04/12		MH	30 - 150 %
% TCMX	88		%	05/04/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 35B

Phoenix I.D.: BB81057

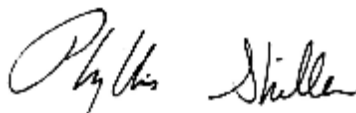
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 12:35  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81058

Project ID: WELLESLEY HS

Client ID: SOIL 35A DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	62		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.1	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.1	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.1	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.1	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	*	0.1	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	*	0.1	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.1	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.1	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.1	mg/Kg	05/04/12		MH	3540C/8082
Total PCBs	0.78	0.1	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	80		%	05/04/12		MH	30 - 150 %
% TCMX	94		%	05/04/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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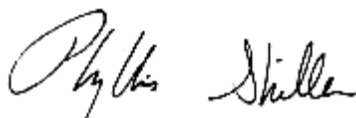
Comments:

\* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 12:40  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81059

Project ID: WELLESLEY HS

Client ID: SOIL 36A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	87		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.076	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.076	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.076	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.076	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.076	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.076	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	0.18	0.076	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.076	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.076	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	86		%	05/04/12		MH	30 - 150 %
% TCMX	93		%	05/04/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 36A

Phoenix I.D.: BB81059

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 12:45  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81060

Project ID: WELLESLEY HS

Client ID: SOIL 36B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	81		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	0.28	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	97		%	05/04/12		MH	30 - 150 %
% TCMX	102		%	05/04/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 36B

Phoenix I.D.: BB81060

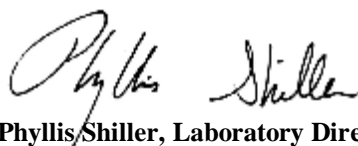
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 12:50  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81061

Project ID: WELLESLEY HS

Client ID: SOIL 36C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	82		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	0.098	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	94		%	05/04/12		MH	30 - 150 %
% TCMX	102		%	05/04/12		MH	30 - 150 %

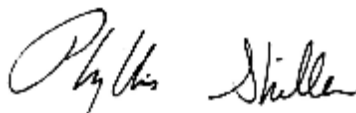
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 12:55  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81062

Project ID: WELLESLEY HS

Client ID: SOIL 37A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	80		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		BB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.081	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	84		%	05/04/12		MH	30 - 150 %
% TCMX	91		%	05/04/12		MH	30 - 150 %

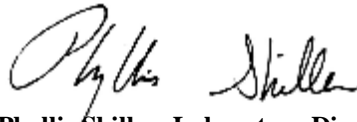
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 13:00  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81063

Project ID: WELLESLEY HS

Client ID: SOIL 37B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	80		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.083	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.083	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.083	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.083	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.083	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.083	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.083	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.083	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.083	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	76		%	05/04/12		MH	30 - 150 %
% TCMX	89		%	05/04/12		MH	30 - 150 %

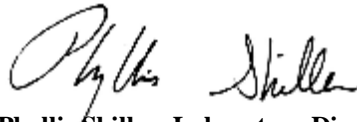
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 11, 2012**

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 13:05  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81064

Project ID: WELLESLEY HS

Client ID: SOIL 37C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	76		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.087	mg/Kg	05/04/12		MH	3540C/8082
PCB-1221	ND	0.087	mg/Kg	05/04/12		MH	3540C/8082
PCB-1232	ND	0.087	mg/Kg	05/04/12		MH	3540C/8082
PCB-1242	ND	0.087	mg/Kg	05/04/12		MH	3540C/8082
PCB-1248	ND	0.087	mg/Kg	05/04/12		MH	3540C/8082
PCB-1254	ND	0.087	mg/Kg	05/04/12		MH	3540C/8082
PCB-1260	ND	0.087	mg/Kg	05/04/12		MH	3540C/8082
PCB-1262	ND	0.087	mg/Kg	05/04/12		MH	3540C/8082
PCB-1268	ND	0.087	mg/Kg	05/04/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	69		%	05/04/12		MH	30 - 150 %
% TCMX	90		%	05/04/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 37C

Phoenix I.D.: BB81064

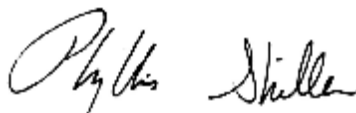
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 13:45  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81065

Project ID: WELLESLEY HS

Client ID: SOIL 37C DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	77		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	70		%	05/05/12		MH	30 - 150 %
% TCMX	86		%	05/05/12		MH	30 - 150 %

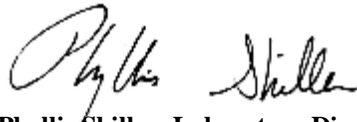
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 13:50  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81066

Project ID: WELLESLEY HS

Client ID: SOIL 38A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	82		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.081	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.081	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.081	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.081	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.081	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	0.24	0.081	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.081	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.081	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.081	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	90		%	05/05/12		MH	30 - 150 %
% TCMX	103		%	05/05/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 38A

Phoenix I.D.: BB81066

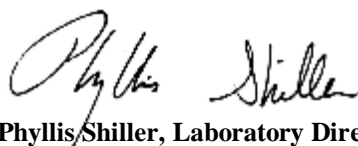
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 13:55  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81067

Project ID: WELLESLEY HS

Client ID: SOIL 38B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	83		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.079	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.079	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.079	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.079	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.079	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	0.18	0.079	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.079	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.079	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.079	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	91		%	05/05/12		MH	30 - 150 %
% TCMX	109		%	05/05/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 38B

Phoenix I.D.: BB81067

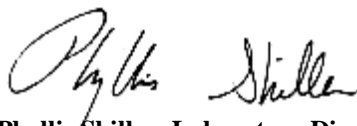
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 14:00  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81068

Project ID: WELLESLEY HS

Client ID: SOIL 38C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	81		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MB/K/X	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	0.22	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	90		%	05/05/12		MH	30 - 150 %
% TCMX	111		%	05/05/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 38C

Phoenix I.D.: BB81068

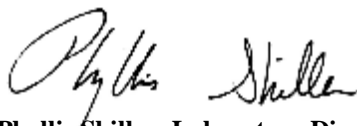
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 14:05  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81069

Project ID: WELLESLEY HS

Client ID: SOIL 39A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	75		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.089	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.089	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.089	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.089	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.089	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	0.21	0.089	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.089	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.089	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.089	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	88		%	05/05/12		MH	30 - 150 %
% TCMX	110		%	05/05/12		MH	30 - 150 %

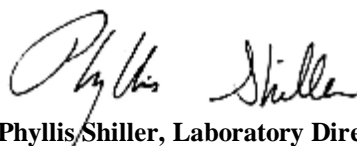
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 14:10  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81070

Project ID: WELLESLEY HS

Client ID: SOIL 39B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	76		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	0.27	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	95		%	05/05/12		MH	30 - 150 %
% TCMX	116		%	05/05/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 39B

Phoenix I.D.: BB81070

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

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Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 14:15  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81071

Project ID: WELLESLEY HS  
Client ID: SOIL 39C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	75		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.087	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.087	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.087	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.087	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.087	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	0.23	0.087	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.087	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.087	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.087	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	84		%	05/05/12		MH	30 - 150 %
% TCMX	108		%	05/05/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 39C

Phoenix I.D.: BB81071

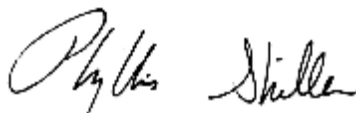
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 14:20  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81072

Project ID: WELLESLEY HS

Client ID: SOIL 40A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	72		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.092	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.092	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.092	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.092	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.092	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	0.11	0.092	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.092	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.092	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.092	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	90		%	05/05/12		MH	30 - 150 %
% TCMX	91		%	05/05/12		MH	30 - 150 %

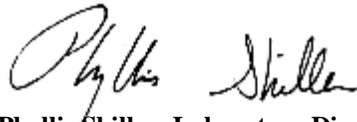
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 11, 2012**

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Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 14:25  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81073

Project ID: WELLESLEY HS

Client ID: SOIL 40B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	73		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.09	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.09	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.09	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.09	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.09	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	0.11	0.09	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.09	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.09	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.09	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	94		%	05/05/12		MH	30 - 150 %
% TCMX	110		%	05/05/12		MH	30 - 150 %

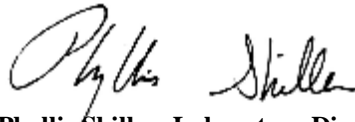
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date

05/02/12 14:50  
05/03/12 16:25

Time

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81074

Project ID: WELLESLEY HS

Client ID: SOIL 40C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	81		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	0.55	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.082	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	99		%	05/05/12		MH	30 - 150 %
% TCMX	96		%	05/05/12		MH	30 - 150 %

Project ID: WELLESLEY HS  
Client ID: SOIL 40C

Phoenix I.D.: BB81074

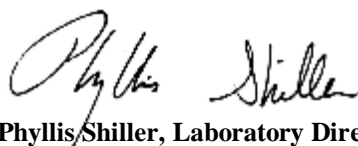
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**





Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 14:55  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81075

Project ID: WELLESLEY HS

Client ID: SOIL 41A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	78		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	0.14	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.085	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	76		%	05/05/12		MH	30 - 150 %
% TCMX	86		%	05/05/12		MH	30 - 150 %

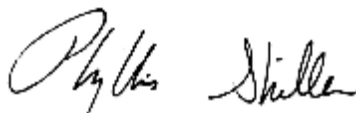
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 15:00  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81076

Project ID: WELLESLEY HS

Client ID: SOIL 41B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	85		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.078	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.078	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.078	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.078	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.078	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	0.17	0.078	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.078	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.078	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.078	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	94		%	05/05/12		MH	30 - 150 %
% TCMX	93		%	05/05/12		MH	30 - 150 %

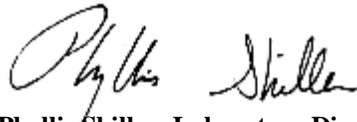
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 11, 2012**

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Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 15:05  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81077

Project ID: WELLESLEY HS

Client ID: SOIL 41C

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	82		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	89		%	05/05/12		MH	30 - 150 %
% TCMX	92		%	05/05/12		MH	30 - 150 %

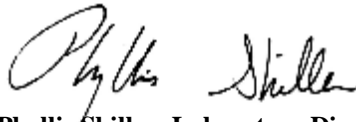
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 15:10  
05/03/12 16:25

### Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81078

Project ID: WELLESLEY HS

Client ID: SOIL 41A DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	77		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	0.11	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.086	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	95		%	05/05/12		MH	30 - 150 %
% TCMX	108		%	05/05/12		MH	30 - 150 %

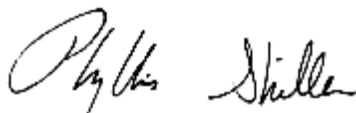
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

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Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 15:15  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81079

Project ID: WELLESLEY HS

Client ID: SOIL 42A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	77		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.084	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.084	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.084	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.084	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.084	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	ND	0.084	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.084	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.084	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.084	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	99		%	05/05/12		MH	30 - 150 %
% TCMX	100		%	05/05/12		MH	30 - 150 %

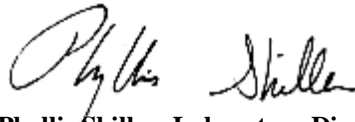
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 15:20  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81080

Project ID: WELLESLEY HS

Client ID: SOIL 42B

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	83		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.08	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	91		%	05/05/12		MH	30 - 150 %
% TCMX	91		%	05/05/12		MH	30 - 150 %

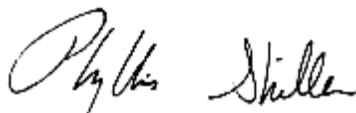
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**Phyllis Shiller, Laboratory Director**

**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## Analysis Report

May 11, 2012

FOR: Ms. Susan Cahalan  
CDW Consultants, Inc  
40 Speen Street  
Suite 301  
Framingham, MA 01701

### Sample Information

Matrix: SOIL  
Location Code: CDW-PCB  
Rush Request: Standard  
P.O.#:

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

Date Time

05/02/12 15:25  
05/03/12 16:25

## Laboratory Data

SDG ID: GBB81045  
Phoenix ID: BB81081

Project ID: WELLESLEY HS

Client ID: SOIL 43

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	86		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/04/12		MM/K/X/R	SW3540C
<b><u>PCB (Soxhlet)</u></b>							
PCB-1016	ND	0.077	mg/Kg	05/05/12		MH	3540C/8082
PCB-1221	ND	0.077	mg/Kg	05/05/12		MH	3540C/8082
PCB-1232	ND	0.077	mg/Kg	05/05/12		MH	3540C/8082
PCB-1242	ND	0.077	mg/Kg	05/05/12		MH	3540C/8082
PCB-1248	ND	0.077	mg/Kg	05/05/12		MH	3540C/8082
PCB-1254	ND	0.077	mg/Kg	05/05/12		MH	3540C/8082
PCB-1260	ND	0.077	mg/Kg	05/05/12		MH	3540C/8082
PCB-1262	ND	0.077	mg/Kg	05/05/12		MH	3540C/8082
PCB-1268	ND	0.077	mg/Kg	05/05/12		MH	3540C/8082
<b><u>QA/QC Surrogates</u></b>							
% DCBP	95		%	05/05/12		MH	30 - 150 %
% TCMX	107		%	05/05/12		MH	30 - 150 %

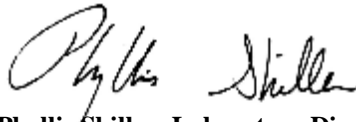
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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**May 11, 2012**

**Reviewed and Released by: Johanna Harrington, Project Manager**



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823

## QA/QC Report

May 11, 2012

### QA/QC Data

SDG I.D.: GBB81045

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 199994, QC Sample No: BB80775 (BB81063, BB81064, BB81065, BB81066, BB81067, BB81068)									
<u>Polychlorinated Biphenyls - Soil</u>									
PCB-1016	ND	102	101	1.0				40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	121	115	5.1				40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	105	99	99	0.0				30 - 150	20
% TCMX (Surrogate Rec)	102	78	79	1.3				30 - 150	20

Comment:

\* The MS/MSD could not be analyzed because of matrix interference. The LCS/LCSD were within QA/QC criteria.

QA/QC Batch 199992, QC Sample No: BB81045 (BB81045, BB81046, BB81047, BB81048, BB81049, BB81050, BB81051, BB81052, BB81053, BB81054, BB81055, BB81056, BB81057, BB81058, BB81059, BB81060, BB81061, BB81062)

#### Polychlorinated Biphenyls - Soil

PCB-1016	ND	106	105	0.9				40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	115	109	5.4				40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	106	94	100	6.2				30 - 150	20
% TCMX (Surrogate Rec)	102	76	80	5.1				30 - 150	20

Comment:

\* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QA/QC Batch 199996, QC Sample No: BB81069 (BB81069, BB81070, BB81071, BB81072, BB81073, BB81074, BB81075, BB81076, BB81077, BB81078, BB81079, BB81080, BB81081)

#### Polychlorinated Biphenyls - Soil

PCB-1016	ND	105	104	1.0				40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20

## QA/QC Data

SDG I.D.: GBB81045

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PCB-1260	ND	111	112	0.9				40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	96	99	96	3.1				30 - 150	20
% TCMX (Surrogate Rec)	94	74	77	4.0				30 - 150	20

Comment:

\* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director  
May 11, 2012





# CHAIN OF CUSTODY RECORD

507 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com Fax (860) 645-0823

Environmental Laboratories, Inc.

Customer:

Address:

*City Consultants*  
*40 Spear Street*  
*Providence, RI 01701*

Client Services (860) 645-8726

Project:

Report to:

Invoice to:

Project P.O.:

Phone #:

Fax #:

Temp 6 Pg 1 of 1

Data Delivery:

☐ Fax #:

☐ Email:

## Client Sample Information - Identification

Sampler's Signature

Date:

*5/3/12*

Matrix Code:

DW=drinking water  
GW=groundwater

WW=wastewater S=soil/solid  
SL=sludge A=air O=oil  
X=other

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
81045	Soil-29A	S	5/3/12	1115
81046	Soil-29B			1120
81047	Soil-30			1125
81048	Soil-31A			1130
81049	Soil-31B			1135
81050	Soil-32A			1140
81051	Soil-32B			1145
81052	Soil-33A			1150
81053	Soil-33B			1155
81054	Soil-34A			1200
81055	Soil-34B			1205
81056	Soil-35A			1210

Analysis Request

Soil VOA Vials (methanol) 1500 µl	40 ml VOA Vial (As is) 1000 µl	GL Soil container (7 oz)	GL Soil container (7 oz)	GL Andel 1000 µl (As is) 1000 µl	PL As is (720 µl) 1500 µl	PL H2SO4 (720 µl) 1500 µl	PL HNO3 250 µl	Bacteria Bottle
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Relinquished by:

Accepted by:

Date:

Turnaround:

GT/RI

MA

Data Format

☐ 1 Day\*  
☐ 2 Days\*  
☐ 3 Days\*  
☒ Standard  
☐ Other

☐ RCP Cert  
☐ GW Protect  
☐ GA Mobility  
☐ GB Mobility  
☐ SW Protection  
☐ Res. Vol.  
☐ Ind. Vol.  
☐ Res. Criteria  
☐ Other

☐ MCP Certification  
☐ GW-1  
☐ GW-2  
☐ GW-3  
☐ S-1  
☐ S-2  
☐ S-3  
☐ MWR eSMART  
☐ Other

☐ Excel  
☐ PDF  
☐ GIS/Key  
☐ EQUIS  
☐ Other

Comments, Special Requirements or Regulations:

*TSCA detection limits.*

Data Package  
☐ ASP-A  
☐ NJ Reduced Deliv. \*  
☐ NJ HazSite EDD  
☐ Phoenix Std Report  
☐ Other

State where samples were collected:

*MA*



# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com Fax (860) 645-0823

Customer: Phoenix Environmental Laboratories, Inc.

Address: see pg 1

Client Services (860) 645-8726

Project: see pg 1

Report to: see pg 1

Invoice to: see pg 1

Project P.O.:

Phone #:

Fax #:

Data Delivery:

☐ Fax #

☐ Email

Temp 6 Pg 2 of 2

## Client Sample Information - Identification

Signature: [Signature] Date: 5/6/12

Matrix Code: WW=wastewater S=soil/solid O=oil  
GW=groundwater SL=sludge A=air X=other

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
81057	SOIL-35B	S	5/6/12	1230
81058	SOIL-35A	S	5/6/12	1235
81059	SOIL-36A	S	5/6/12	1240
81060	SOIL-36B	S	5/6/12	1245
81061	SOIL-36C	S	5/6/12	1250
81062	SOIL-37A	S	5/6/12	1255
81063	SOIL-37B	S	5/6/12	1300
81064	SOIL-37C	S	5/6/12	1305
81065	SOIL-37D	S	5/6/12	1345
81066	SOIL-38A	S	5/6/12	1350
81067	SOIL-38B	S	5/6/12	1355
81068	SOIL-38C	S	5/6/12	1400

Analysis Request

Soil VOA Vial (methanol) [Soil Bagging]	GL Soil container ( ) or	GL VOA Vial ( ) or	GL Amber 1000ml [Asie] [H2SO4]	PL H2SO4 ( ) 250ml [ ] 500ml [ ] 1000ml	PL HNO3 330ml	Bacteria Bottle
---	--------------------------	--------------------	--------------------------------	---	---------------	-----------------

Relinquished by: [Signature] Accepted by: [Signature]

Date:

Time:

Turnaround:

CTRI:

MA:

Data Format:

☐ 1 Day\*  
☐ 2 Days\*  
☐ 3 Days\*  
☒ Standard  
☐ Other

☐ RCP Cert  
☐ GW Protect  
☐ GA Mobility  
☐ GB Mobility  
☐ SW Protection  
☐ Res. Vol.  
☐ Ind. Vol.  
☐ Res. Criteria  
☐ Other

☐ MCP Certification  
☐ GW-1  
☐ GW-2  
☐ GW-3  
☐ S-1  
☐ S-2  
☐ S-3  
☐ MWRA eSMART  
☐ Other

☐ Excel  
☐ PDF  
☐ GIS/Key  
☐ EQUIS  
☐ Other

Comments, Special Requirements or Regulations:

TSCA detection LIMITS

State where samples were collected: MA

Data Package:

☐ ASP-A  
☐ NJ Reduced Deliv. \*  
☐ NJ Hazsite EDD  
☐ Phoenix Std Report  
☐ Other





# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com Fax (860) 645-0823

Environmental Laboratories, Inc.

Customer: Chow Consultants

Address: 40 Spear St Suite 301  
Birmingham MA 07701

Project: Wetland AS

Report to:

Invoice to: See pg 2

Project P.O.:

Phone #:

Fax #:

Data Delivery:

☐ Fax #:

☐ Email:

Temp 6 Pg 4 of 4

## Client Sample Information - Identification

Sampler's Signature

Date: 5/16

Analysis Request

Matrix Code:

DW=drinking water  
GW=groundwater

WW=wastewater S=soil/solid O=oil  
SL=sludge A=air X=other

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
81081	Soil-43	CS	5/16/15	15:25

Soil VOA Vials (1 methanol) (1 Sed Benthic)	GL Soil container ( ) oz	GL VOA Vial ( ) HCl	GL Amber 1000ml ( ) As is ( ) HCl	PL As is ( ) 250ml ( ) 500ml ( ) 1000ml	PL H2SO4 ( ) 250ml ( ) 500ml ( ) 1000ml	PL HNO3 250ml	Bacteria Bottle
---	--------------------------	---------------------	-----------------------------------	---	---	---------------	-----------------

Relinquished by: [Signature]

Accepted by: [Signature]

Date:

Time:

Turnaround:

GT/RI

MA

Data Format

☐ 1 Day\*  
☐ 2 Days\*  
☐ 3 Days\*  
☒ Standard  
☐ Other

☐ RCP Cert  
☐ GW Protect  
☐ GA Mobility  
☐ GB Mobility  
☐ SW Protection  
☐ Res. Vol.  
☐ Ind. Vol.  
☐ Res. Criteria  
☐ Other

☐ MCP Certification  
☐ GW-1  
☐ GW-2  
☐ GW-3  
☐ S-1  
☐ S-2  
☐ S-3  
☐ MWRA eSMART  
☐ Other

☐ Excel  
☐ PDF  
☐ GIS/Key  
☐ EQUIS  
☐ Other

Comments, Special Requirements or Regulations:

SEA Detention Units

\* SURCHARGE APPLIES

Data Package  
☐ ASP-A  
☐ NJ Reduced Deliv.  
☐ NJ HazSite EDD  
☐ Phoenix Std Report  
☐ Other

State where samples were collected: MA

Report Date:  
26-Jun-12 12:11



- ☐ Final Report  
☐ Re-Issued Report  
☒ Revised Report

**SPECTRUM ANALYTICAL, INC.**

*Featuring*

**HANIBAL TECHNOLOGY**

***Laboratory Report***

CDW Consultants, Inc.  
40 Speen Street; Suite 301  
Framingham, MA 01701  
Attn: Brian Miller

Project: Wellesley High School, MA  
Project #: 1278

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SB50864-01	PC-1	Soil	11-Jun-12 13:30	12-Jun-12 17:15

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.  
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110  
Connecticut # PH-0777  
Florida # E87600/E87936  
Maine # MA138  
New Hampshire # 2538  
New Jersey # MA011/MA012  
New York # 11393/11840  
Pennsylvania # 68-04426/68-02924  
Rhode Island # 98  
USDA # S-51435




Authorized by:

Nicole Leja  
Laboratory Director

Spectrum Analytical holds certification in the State of Massachusetts for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of Massachusetts does not offer certification for all analytes.  
Please note that this report contains 34 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

*Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at [www.spectrum-analytical.com](http://www.spectrum-analytical.com) for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).*

## MassDEP Analytical Protocol Certification Form

<b>Laboratory Name:</b> Spectrum Analytical, Inc.			<b>Project #:</b> 1278		
<b>Project Location:</b> Wellesley High School, MA			<b>RTN:</b>		
<b>This form provides certifications for the following data set:</b>			SB50864-01		
<b>Matrices:</b> Soil					
<b>CAM Protocol</b>					
✓ 8260 VOC CAM II A	✓ 7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	✓ 8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
✓ 8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B	✓ 8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
✓ 6010 Metals CAM III A	6020 Metals CAM III D	✓ 8082 PCB CAM V A	9012 Total Cyanide/PAC CAM VI A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B
<b>Affirmative responses to questions A through F are required for "Presumptive Certainty" status</b>					
<b>A</b>	Were all samples received in a condition consistent with those described on the Chain of Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?				✓ Yes    No
<b>B</b>	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?				✓ Yes    No
<b>C</b>	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?				✓ Yes    No
<b>D</b>	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?				✓ Yes    No
<b>E</b>	a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?				Yes    No Yes    No
<b>F</b>	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to questions A through E)?				✓ Yes    No
<b>Responses to questions G, H and I below are required for "Presumptive Certainty" status</b>					
<b>G</b>	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?				Yes    ✓ No
<b>Data User Note:</b> Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.					
<b>H</b>	Were all QC performance standards specified in the CAM protocol(s) achieved?				Yes    ✓ No
<b>I</b>	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?				Yes    ✓ No
<b>All negative responses are addressed in a case narrative on the cover page of this report.</b>					
<p><i>I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.</i></p> <div style="text-align: right; margin-top: 20px;">   Nicole Leja  Laboratory Director  Date: 6/26/2012 </div>					

## CASE NARRATIVE:

The samples were received 1.5 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

MADEP has published a list of analytical methods (CAM) which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of MCP decisions. "Presumptive Certainty" can be established only for those methods published by the MADEP in the MCP CAM. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

According to WSC-CAM 5/2009 Rev.1, Table 11 A-1, recovery for some VOC analytes have been deemed potentially difficult. Although they may still be within the recommended recovery range, a range has been set based on historical control limits.

These samples do not exhibit the characteristics of reactivity as defined in 40 CFR 261.23, sections (1), (2), (4), and (5); however, Spectrum Analytical, Inc. does not test for detonation, explosive reaction or potential, or forbidden explosives as defined in 40 CFR 261.23, sections (3), (6), (7) and (8).

Some target analytes which are not listed as exceptions in the Summary of CAM Reporting Limits may exceed the recommended RL based on sample initial volume or weight provided, % moisture content, or responsiveness of a particular analyte to purge and trap instrumentation.

All VOC soils samples submitted and analyzed in methanol will have a minimum dilution factor of 50. This is the minimum amount of solvent allowed on the instrumentation without causing interference. Additional dilution factors may be required to keep analyte concentration within instrument calibration.

**See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.**

## **SW846 1030**

### **Samples:**

SB50864-01      *PC-I*

---

A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.

Ignitability by Definition

## **SW846 6010C**

### **Spikes:**

1213909-MS1      *Source: SB50864-01*

---

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Lead

1213909-MSD1      *Source: SB50864-01*

---

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Lead

### **Duplicates:**

1213909-DUP1      *Source: SB50864-01*

---

## **SW846 6010C**

### **Duplicates:**

1213909-DUP1      *Source: SB50864-01*

---

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Cadmium

The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.

Chromium

Lead

## **SW846 7471B**

### **Spikes:**

1213910-MS1      *Source: SB50864-01*

---

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Mercury

1213910-MSD1      *Source: SB50864-01*

---

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Mercury

### **Duplicates:**

1213910-DUP1      *Source: SB50864-01*

---

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

Mercury

### **Samples:**

SB50864-01      *PC-I*

---

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

Mercury

## **SW846 8260C**

### **Calibration:**

1206034

---

Analyte quantified by quadratic equation type calibration.

1,2-Dibromo-3-chloropropane

Bromoform

cis-1,3-Dichloropropene

Dibromochloromethane

Naphthalene

trans-1,3-Dichloropropene

This affected the following samples:

S207104-ICV1

### **Laboratory Control Samples:**

1214106 BS/BSD

---

*This laboratory report is not valid without an authorized signature on the cover page.*



## **SW846 8260C**

### **Laboratory Control Samples:**

1214106 BS/BSD

---

1,4-Dioxane percent recoveries (156/152) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

PC-1

### **Samples:**

S207158-CCV1

---

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

1,4-Dioxane (150%)  
Bromodichloromethane (23.4%)  
Carbon disulfide (22.4%)  
o-Xylene (20.8%)

This affected the following samples:

1214106-BLK1  
1214106-BS1  
1214106-BSD1  
PC-1

## **SW846 8270D**

### **Calibration:**

S205829-ICV1

---

Analyte percent recovery is outside individual acceptance criteria (70-130).

3-Nitroaniline (46%)  
Benzidine (56%)

This affected the following samples:

PC-1  
S207106-CCV1

### **Laboratory Control Samples:**

1213800 BS

---

Benzidine percent recovery 36 (40-140) is outside individual acceptance criteria, but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

PC-1

Benzoic acid percent recovery 25 (40-130) is outside individual acceptance criteria, but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

PC-1

Bis(2-chloroisopropyl)ether percent recovery 21 (40-130) is outside individual acceptance criteria, but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

PC-1

### **Samples:**

S207105-CCV1

---

## **SW846 8270D**

### **Samples:**

S207105-CCV1

---

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

2,6-Dinitrotoluene (52.2%)  
2-Methylnaphthalene (22.6%)  
3,3'-Dichlorobenzidine (53.8%)  
3-Nitroaniline (39.7%)  
4,6-Dinitro-2-methylphenol (47.7%)  
4-Chloroaniline (32.4%)  
4-Nitroaniline (63.1%)  
Benzoic acid (43.2%)  
Bis(2-chloroisopropyl)ether (-70.7%)  
Di-n-octyl phthalate (-21.2%)

Analyte percent drift is outside individual acceptance criteria (20), but within overall method allowances.

2,4-Dinitrophenol (32.5%)  
Benzidine (35.0%)

This affected the following samples:

1213800-BLK1  
1213800-BS1

S207106-CCV1

---

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

Aniline (-33.3%)  
Benzidine (-40.6%)  
Benzo (b) fluoranthene (31.0%)  
Benzyl alcohol (-32.1%)  
Diethyl phthalate (21.2%)  
Hexachlorobutadiene (37.3%)  
Hexachlorocyclopentadiene (22.8%)  
N-Nitrosodimethylamine (-36.1%)  
N-Nitrosodiphenylamine (31.6%)  
Pyridine (-35.2%)

Analyte percent drift is outside individual acceptance criteria (20), but within overall method allowances.

4,6-Dinitro-2-methylphenol (52.5%)

This affected the following samples:

PC-1

SB50864-01

*PC-1*

---

Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

2-Fluorophenol  
Phenol-d5

Sample Identification

PC-1

SB50864-01

Client Project #

1278

Matrix

Soil

Collection Date/Time

11-Jun-12 13:30

Received

12-Jun-12

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>MDL</u>	<u>Dilution</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Analyst</u>	<u>Batch</u>	<u>Cert.</u>
<b>Volatile Organic Compounds</b>													
	VOC Extraction	Field extracted		N/A			1	VOC Soil Extraction			BD	1213914	
<u>Volatile Organic Compounds</u>													
<u>Prepared by method SW846 5030 Water MS</u>						<u>Initial weight: 10.01 ml</u>							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 136		µg/kg dry	136	90.9	50	SW846 8260C	14-Jun-12	14-Jun-12	naa	1214106	
67-64-1	Acetone	< 1360		µg/kg dry	1360	1020	50	"	"	"	"	"	
107-13-1	Acrylonitrile	< 136		µg/kg dry	136	122	50	"	"	"	"	"	
71-43-2	Benzene	< 136		µg/kg dry	136	71.6	50	"	"	"	"	"	
108-86-1	Bromobenzene	< 136		µg/kg dry	136	87.0	50	"	"	"	"	"	
74-97-5	Bromochloromethane	< 136		µg/kg dry	136	44.7	50	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 136		µg/kg dry	136	51.5	50	"	"	"	"	"	
75-25-2	Bromoform	< 136		µg/kg dry	136	94.2	50	"	"	"	"	"	
74-83-9	Bromomethane	< 273		µg/kg dry	273	245	50	"	"	"	"	"	
78-93-3	2-Butanone (MEK)	< 1360		µg/kg dry	1360	1170	50	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 136		µg/kg dry	136	68.0	50	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 136		µg/kg dry	136	132	50	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 136		µg/kg dry	136	98.5	50	"	"	"	"	"	
75-15-0	Carbon disulfide	< 273		µg/kg dry	273	195	50	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 136		µg/kg dry	136	135	50	"	"	"	"	"	
108-90-7	Chlorobenzene	< 136		µg/kg dry	136	76.2	50	"	"	"	"	"	
75-00-3	Chloroethane	< 273		µg/kg dry	273	193	50	"	"	"	"	"	
67-66-3	Chloroform	< 136		µg/kg dry	136	66.6	50	"	"	"	"	"	
74-87-3	Chloromethane	< 273		µg/kg dry	273	68.6	50	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 136		µg/kg dry	136	83.0	50	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 136		µg/kg dry	136	122	50	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 273		µg/kg dry	273	258	50	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 136		µg/kg dry	136	65.4	50	"	"	"	"	"	
106-93-4	1,2-Dibromoethane (EDB)	< 136		µg/kg dry	136	84.5	50	"	"	"	"	"	
74-95-3	Dibromomethane	< 136		µg/kg dry	136	136	50	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 136		µg/kg dry	136	110	50	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 136		µg/kg dry	136	136	50	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 136		µg/kg dry	136	92.0	50	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane (Freon12)	< 273		µg/kg dry	273	230	50	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 136		µg/kg dry	136	124	50	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 136		µg/kg dry	136	76.2	50	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 136		µg/kg dry	136	67.6	50	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 136		µg/kg dry	136	57.2	50	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 136		µg/kg dry	136	113	50	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 136		µg/kg dry	136	69.4	50	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 136		µg/kg dry	136	68.6	50	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 136		µg/kg dry	136	54.9	50	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 136		µg/kg dry	136	84.1	50	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 136		µg/kg dry	136	74.3	50	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 136		µg/kg dry	136	38.4	50	"	"	"	"	"	
100-41-4	Ethylbenzene	< 136		µg/kg dry	136	83.0	50	"	"	"	"	"	

*This laboratory report is not valid without an authorized signature on the cover page.*

Sample Identification

PC-1

SB50864-01

Client Project #

1278

Matrix

Soil

Collection Date/Time

11-Jun-12 13:30

Received

12-Jun-12

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Analyst</i>	<i>Batch</i>	<i>Cert.</i>
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**Volatile Organic Compounds**

Volatile Organic Compounds

Prepared by method SW846 5030 Water MS

Initial weight: 10.01 ml

87-68-3	Hexachlorobutadiene	< 136		µg/kg dry	136	117	50	SW846 8260C	14-Jun-12	14-Jun-12	naa	1214106	
591-78-6	2-Hexanone (MBK)	< 1360		µg/kg dry	1360	348	50	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 136		µg/kg dry	136	68.4	50	"	"	"	"	"	
99-87-6	4-Isopropyltoluene	< 136		µg/kg dry	136	56.4	50	"	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	< 136		µg/kg dry	136	99.1	50	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone (MIBK)	< 1360		µg/kg dry	1360	443	50	"	"	"	"	"	
75-09-2	Methylene chloride	< 273		µg/kg dry	273	69.2	50	"	"	"	"	"	
91-20-3	Naphthalene	142		µg/kg dry	136	84.6	50	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 136		µg/kg dry	136	81.8	50	"	"	"	"	"	
100-42-5	Styrene	< 136		µg/kg dry	136	101	50	"	"	"	"	"	
630-20-6	1,1,1,2-Tetrachloroethane	< 136		µg/kg dry	136	131	50	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 136		µg/kg dry	136	104	50	"	"	"	"	"	
127-18-4	Tetrachloroethene	3,200		µg/kg dry	136	78.0	50	"	"	"	"	"	
108-88-3	Toluene	< 136		µg/kg dry	136	122	50	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 136		µg/kg dry	136	118	50	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 136		µg/kg dry	136	102	50	"	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	< 136		µg/kg dry	136	96.5	50	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	< 136		µg/kg dry	136	109	50	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 136		µg/kg dry	136	117	50	"	"	"	"	"	
79-01-6	Trichloroethene	< 136		µg/kg dry	136	104	50	"	"	"	"	"	
75-69-4	Trichlorofluoromethane (Freon 11)	< 136		µg/kg dry	136	55.1	50	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 136		µg/kg dry	136	61.6	50	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 136		µg/kg dry	136	44.6	50	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 136		µg/kg dry	136	135	50	"	"	"	"	"	
75-01-4	Vinyl chloride	< 136		µg/kg dry	136	128	50	"	"	"	"	"	
179601-23-1	m,p-Xylene	< 273		µg/kg dry	273	264	50	"	"	"	"	"	
95-47-6	o-Xylene	< 136		µg/kg dry	136	93.1	50	"	"	"	"	"	
109-99-9	Tetrahydrofuran	< 273		µg/kg dry	273	252	50	"	"	"	"	"	
60-29-7	Ethyl ether	< 136		µg/kg dry	136	127	50	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	< 136		µg/kg dry	136	108	50	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	< 136		µg/kg dry	136	47.6	50	"	"	"	"	"	
108-20-3	Di-isopropyl ether	< 136		µg/kg dry	136	43.9	50	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	< 1360		µg/kg dry	1360	771	50	"	"	"	"	"	
123-91-1	1,4-Dioxane	< 2730		µg/kg dry	2730	2230	50	"	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-buten e	< 681		µg/kg dry	681	349	50	"	"	"	"	"	
64-17-5	Ethanol	< 54500		µg/kg dry	54500	11400	50	"	"	"	"	"	

*Surrogate recoveries:*

460-00-4	4-Bromofluorobenzene	93			70-130 %			"	"	"	"	"	
2037-26-5	Toluene-d8	97			70-130 %			"	"	"	"	"	
17060-07-0	1,2-Dichloroethane-d4	98			70-130 %			"	"	"	"	"	
1868-53-7	Dibromofluoromethane	92			70-130 %			"	"	"	"	"	

**Semivolatile Organic Compounds by GCMS***This laboratory report is not valid without an authorized signature on the cover page.*

Sample Identification

PC-1

SB50864-01

Client Project #

1278

Matrix

Soil

Collection Date/Time

11-Jun-12 13:30

Received

12-Jun-12

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds			GS1										
Prepared by method SW846 3545A													
83-32-9	Acenaphthene	< 1220		µg/kg dry	1220	138	5	SW846 8270D	12-Jun-12	13-Jun-12	MSL	1213800	
208-96-8	Acenaphthylene	< 1220		µg/kg dry	1220	140	5	"	"	"	"	"	
62-53-3	Aniline	< 2450		µg/kg dry	2450	696	5	"	"	"	"	"	
120-12-7	Anthracene	< 1220		µg/kg dry	1220	144	5	"	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	< 2450		µg/kg dry	2450	130	5	"	"	"	"	"	
92-87-5	Benzidine	< 2450		µg/kg dry	2450	950	5	"	"	"	"	"	
56-55-3	Benzo (a) anthracene	2,630		µg/kg dry	1220	142	5	"	"	"	"	"	
50-32-8	Benzo (a) pyrene	2,330		µg/kg dry	1220	162	5	"	"	"	"	"	
205-99-2	Benzo (b) fluoranthene	2,490		µg/kg dry	1220	148	5	"	"	"	"	"	
191-24-2	Benzo (g,h,i) perylene	< 1220		µg/kg dry	1220	188	5	"	"	"	"	"	
207-08-9	Benzo (k) fluoranthene	2,210		µg/kg dry	1220	217	5	"	"	"	"	"	
65-85-0	Benzoic acid	< 2450		µg/kg dry	2450	235	5	"	"	"	"	"	
100-51-6	Benzyl alcohol	< 2450		µg/kg dry	2450	170	5	"	"	"	"	"	
111-91-1	Bis(2-chloroethoxy)methane	< 2450		µg/kg dry	2450	116	5	"	"	"	"	"	
111-44-4	Bis(2-chloroethyl)ether	< 1220		µg/kg dry	1220	127	5	"	"	"	"	"	
108-60-1	Bis(2-chloroisopropyl)ether	< 1220		µg/kg dry	1220	189	5	"	"	"	"	"	
117-81-7	Bis(2-ethylhexyl)phthalate	< 1220		µg/kg dry	1220	110	5	"	"	"	"	"	
101-55-3	4-Bromophenyl phenyl ether	< 2450		µg/kg dry	2450	145	5	"	"	"	"	"	
85-68-7	Butyl benzyl phthalate	< 2450		µg/kg dry	2450	119	5	"	"	"	"	"	
86-74-8	Carbazole	< 1220		µg/kg dry	1220	255	5	"	"	"	"	"	
59-50-7	4-Chloro-3-methylphenol	< 2450		µg/kg dry	2450	148	5	"	"	"	"	"	
106-47-8	4-Chloroaniline	< 1220		µg/kg dry	1220	676	5	"	"	"	"	"	
91-58-7	2-Chloronaphthalene	< 2450		µg/kg dry	2450	160	5	"	"	"	"	"	
95-57-8	2-Chlorophenol	< 1220		µg/kg dry	1220	131	5	"	"	"	"	"	
7005-72-3	4-Chlorophenyl phenyl ether	< 2450		µg/kg dry	2450	137	5	"	"	"	"	"	
218-01-9	Chrysene	2,570		µg/kg dry	1220	146	5	"	"	"	"	"	
53-70-3	Dibenzo (a,h) anthracene	< 1220		µg/kg dry	1220	169	5	"	"	"	"	"	
132-64-9	Dibenzofuran	< 1220		µg/kg dry	1220	191	5	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2450		µg/kg dry	2450	185	5	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2450		µg/kg dry	2450	140	5	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2450		µg/kg dry	2450	131	5	"	"	"	"	"	
91-94-1	3,3'-Dichlorobenzidine	< 2450		µg/kg dry	2450	722	5	"	"	"	"	"	
120-83-2	2,4-Dichlorophenol	< 1220		µg/kg dry	1220	124	5	"	"	"	"	"	
84-66-2	Diethyl phthalate	< 2450		µg/kg dry	2450	140	5	"	"	"	"	"	
131-11-3	Dimethyl phthalate	< 2450		µg/kg dry	2450	141	5	"	"	"	"	"	
105-67-9	2,4-Dimethylphenol	< 2450		µg/kg dry	2450	119	5	"	"	"	"	"	
84-74-2	Di-n-butyl phthalate	< 2450		µg/kg dry	2450	186	5	"	"	"	"	"	
534-52-1	4,6-Dinitro-2-methylphenol	< 2450		µg/kg dry	2450	289	5	"	"	"	"	"	
51-28-5	2,4-Dinitrophenol	< 2450		µg/kg dry	2450	146	5	"	"	"	"	"	
121-14-2	2,4-Dinitrotoluene	< 1220		µg/kg dry	1220	175	5	"	"	"	"	"	
606-20-2	2,6-Dinitrotoluene	< 1220		µg/kg dry	1220	194	5	"	"	"	"	"	

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Sample Identification

PC-1

SB50864-01

Client Project #

1278

Matrix

Soil

Collection Date/Time

11-Jun-12 13:30

Received

12-Jun-12

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Analyst</i>	<i>Batch</i>	<i>Cert.</i>
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**Semivolatile Organic Compounds by GCMS**

Semivolatile Organic Compounds

GS1

Prepared by method SW846 3545A

117-84-0	Di-n-octyl phthalate	< 2450		µg/kg dry	2450	230	5	SW846 8270D	12-Jun-12	13-Jun-12	MSL	1213800	
206-44-0	Fluoranthene	7,410		µg/kg dry	1220	224	5	"	"	"	"	"	
86-73-7	Fluorene	< 1220		µg/kg dry	1220	156	5	"	"	"	"	"	
118-74-1	Hexachlorobenzene	< 1220		µg/kg dry	1220	163	5	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 1220		µg/kg dry	1220	122	5	"	"	"	"	"	
77-47-4	Hexachlorocyclopentadiene	< 1220		µg/kg dry	1220	232	5	"	"	"	"	"	
67-72-1	Hexachloroethane	< 1220		µg/kg dry	1220	142	5	"	"	"	"	"	
193-39-5	Indeno (1,2,3-cd) pyrene	< 1220		µg/kg dry	1220	226	5	"	"	"	"	"	
78-59-1	Isophorone	< 1220		µg/kg dry	1220	151	5	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	< 1220		µg/kg dry	1220	145	5	"	"	"	"	"	
95-48-7	2-Methylphenol	< 2450		µg/kg dry	2450	171	5	"	"	"	"	"	
108-39-4, 106-44-5	3 & 4-Methylphenol	< 2450		µg/kg dry	2450	162	5	"	"	"	"	"	
91-20-3	Naphthalene	< 1220		µg/kg dry	1220	124	5	"	"	"	"	"	
88-74-4	2-Nitroaniline	< 2450		µg/kg dry	2450	148	5	"	"	"	"	"	
99-09-2	3-Nitroaniline	< 2450		µg/kg dry	2450	439	5	"	"	"	"	"	
100-01-6	4-Nitroaniline	< 1220		µg/kg dry	1220	200	5	"	"	"	"	"	
98-95-3	Nitrobenzene	< 1220		µg/kg dry	1220	174	5	"	"	"	"	"	
88-75-5	2-Nitrophenol	< 1220		µg/kg dry	1220	136	5	"	"	"	"	"	
100-02-7	4-Nitrophenol	< 9800		µg/kg dry	9800	368	5	"	"	"	"	"	
62-75-9	N-Nitrosodimethylamine	< 1220		µg/kg dry	1220	338	5	"	"	"	"	"	
621-64-7	N-Nitrosodi-n-propylamine	< 1220		µg/kg dry	1220	166	5	"	"	"	"	"	
86-30-6	N-Nitrosodiphenylamine	< 2450		µg/kg dry	2450	144	5	"	"	"	"	"	
87-86-5	Pentachlorophenol	< 2450		µg/kg dry	2450	138	5	"	"	"	"	"	
85-01-8	Phenanthrene	5,890		µg/kg dry	1220	138	5	"	"	"	"	"	
108-95-2	Phenol	< 2450		µg/kg dry	2450	154	5	"	"	"	"	"	
129-00-0	Pyrene	6,750		µg/kg dry	1220	246	5	"	"	"	"	"	
110-86-1	Pyridine	< 2450		µg/kg dry	2450	290	5	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 2450		µg/kg dry	2450	112	5	"	"	"	"	"	
90-12-0	1-Methylnaphthalene	< 1220		µg/kg dry	1220	180	5	"	"	"	"	"	
95-95-4	2,4,5-Trichlorophenol	< 2450		µg/kg dry	2450	226	5	"	"	"	"	"	
88-06-2	2,4,6-Trichlorophenol	< 1220		µg/kg dry	1220	137	5	"	"	"	"	"	
82-68-8	Pentachloronitrobenzene	< 2450		µg/kg dry	2450	1200	5	"	"	"	"	"	
95-94-3	1,2,4,5-Tetrachlorobenzene	< 2450		µg/kg dry	2450	151	5	"	"	"	"	"	

Surrogate recoveries:

321-60-8	2-Fluorobiphenyl	36			30-130 %		"	"	"	"	"	
367-12-4	2-Fluorophenol	26	S06		30-130 %		"	"	"	"	"	
4165-60-0	Nitrobenzene-d5	42			30-130 %		"	"	"	"	"	
4165-62-2	Phenol-d5	29	S06		30-130 %		"	"	"	"	"	
1718-51-0	Terphenyl-d14	31			30-130 %		"	"	"	"	"	
118-79-6	2,4,6-Tribromophenol	47			30-130 %		"	"	"	"	"	

**Semivolatile Organic Compounds by GC**Organochlorine PesticidesPrepared by method SW846 3545A*This laboratory report is not valid without an authorized signature on the cover page.*

Sample Identification

PC-1

SB50864-01

Client Project #

1278

Matrix

Soil

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11-Jun-12 13:30

Received

12-Jun-12

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Analyst</i>	<i>Batch</i>	<i>Cert.</i>
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**Semivolatile Organic Compounds by GC**Organochlorine PesticidesPrepared by method SW846 3545A

319-84-6	alpha-BHC	< 7.41		µg/kg dry	7.41	3.15	1	SW846 8081B	13-Jun-12	14-Jun-12	TG	1213926	
319-85-7	beta-BHC	< 7.41		µg/kg dry	7.41	2.95	1	"	"	"	"	"	
319-86-8	delta-BHC	< 7.41		µg/kg dry	7.41	3.45	1	"	"	"	"	"	
58-89-9	gamma-BHC (Lindane)	< 7.41		µg/kg dry	7.41	3.07	1	"	"	"	"	"	
76-44-8	Heptachlor	< 7.41		µg/kg dry	7.41	3.02	1	"	"	"	"	"	
309-00-2	Aldrin	< 7.41		µg/kg dry	7.41	7.27	1	"	"	"	"	"	
1024-57-3	Heptachlor epoxide	< 7.41		µg/kg dry	7.41	2.81	1	"	"	"	"	"	
959-98-8	Endosulfan I	< 7.41		µg/kg dry	7.41	3.60	1	"	"	"	"	"	
60-57-1	Dieldrin	21.2		µg/kg dry	7.41	2.35	1	"	"	"	"	"	
72-55-9	4,4'-DDE (p,p')	12.3		µg/kg dry	7.41	3.21	1	"	"	"	"	"	
72-20-8	Endrin	< 11.8		µg/kg dry	11.8	4.78	1	"	"	"	"	"	
33213-65-9	Endosulfan II	< 11.8		µg/kg dry	11.8	5.48	1	"	"	"	"	"	
72-54-8	4,4'-DDD (p,p')	< 11.8		µg/kg dry	11.8	3.57	1	"	"	"	"	"	
1031-07-8	Endosulfan sulfate	< 11.8		µg/kg dry	11.8	3.14	1	"	"	"	"	"	
50-29-3	4,4'-DDT (p,p')	32.0		µg/kg dry	11.8	3.07	1	"	"	"	"	"	
72-43-5	Methoxychlor	< 11.8		µg/kg dry	11.8	3.66	1	"	"	"	"	"	
53494-70-5	Endrin ketone	< 11.8		µg/kg dry	11.8	3.58	1	"	"	"	"	"	
7421-93-4	Endrin aldehyde	< 11.8		µg/kg dry	11.8	3.47	1	"	"	"	"	"	
5103-71-9	alpha-Chlordane	< 7.41		µg/kg dry	7.41	3.35	1	"	"	"	"	"	
5566-34-7	gamma-Chlordane	< 7.41		µg/kg dry	7.41	2.98	1	"	"	"	"	"	
8001-35-2	Toxaphene	< 148		µg/kg dry	148	139	1	"	"	"	"	"	
57-74-9	Chlordane	< 29.6		µg/kg dry	29.6	26.2	1	"	"	"	"	"	
15972-60-8	Alachlor	< 7.41		µg/kg dry	7.41	4.38	1	"	"	"	"	"	

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	43			30-150 %			"	"	"	"	"	
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr) [2C]	35			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	42			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr) [2C]	74			30-150 %			"	"	"	"	"	

Polychlorinated BiphenylsPrepared by method SW846 3545A

12674-11-2	Aroclor-1016	< 14.8		µg/kg dry	14.8	7.40	1	SW846 8082A	13-Jun-12	13-Jun-12	BLM	1213925	
11104-28-2	Aroclor-1221	< 14.8		µg/kg dry	14.8	13.3	1	"	"	"	"	"	
11141-16-5	Aroclor-1232	< 14.8		µg/kg dry	14.8	9.51	1	"	"	"	"	"	
53469-21-9	Aroclor-1242	< 14.8		µg/kg dry	14.8	8.72	1	"	"	"	"	"	
12672-29-6	Aroclor-1248	< 14.8		µg/kg dry	14.8	7.27	1	"	"	"	"	"	
11097-69-1	Aroclor-1254	118		µg/kg dry	14.8	6.28	1	"	"	"	"	"	
11096-82-5	Aroclor-1260	< 14.8		µg/kg dry	14.8	5.68	1	"	"	"	"	"	
37324-23-5	Aroclor-1262	< 14.8		µg/kg dry	14.8	13.8	1	"	"	"	"	"	
11100-14-4	Aroclor-1268	< 14.8		µg/kg dry	14.8	4.65	1	"	"	"	"	"	

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	70			30-150 %			"	"	"	"	"	
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Sample Identification

PC-1

SB50864-01

Client Project #

1278

Matrix

Soil

Collection Date/Time

11-Jun-12 13:30

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<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Analyst</i>	<i>Batch</i>	<i>Cert.</i>
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**Semivolatile Organic Compounds by GC**Polychlorinated BiphenylsPrepared by method SW846 3545A

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr) [2C]	50			30-150 %			SW846 8082A	13-Jun-12	13-Jun-12	BLM	1213925	
2051-24-3	Decachlorobiphenyl (Sr)	80			30-150 %			"	"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr) [2C]	55			30-150 %			"	"	"	"	"	"

Chlorinated HerbicidesPrepared by method SW846 3550CMethylation date: 13-Jun-12

93-76-5	2,4,5-T	< 9.96		µg/kg dry	9.96	8.13	1	SW846 8151A	13-Jun-12	13-Jun-12	TG	1213924	
93-72-1	2,4,5-TP (Silvex)	< 9.96		µg/kg dry	9.96	5.47	1	"	"	"	"	"	"
94-75-7	2,4-D	< 9.96		µg/kg dry	9.96	7.27	1	"	"	"	"	"	"
94-82-6	2,4-DB	< 9.96		µg/kg dry	9.96	8.17	1	"	"	"	"	"	"
75-99-0	Dalapon	< 9.96		µg/kg dry	9.96	4.38	1	"	"	"	"	"	"
1918-00-9	Dicamba	< 9.96		µg/kg dry	9.96	5.39	1	"	"	"	"	"	"
120-36-5	Dichlorprop	< 9.96		µg/kg dry	9.96	5.94	1	"	"	"	"	"	"
88-85-7	Dinoseb	< 9.96		µg/kg dry	9.96	6.79	1	"	"	"	"	"	"
94-74-6	MCPA	< 3340		µg/kg dry	3340	1390	1	"	"	"	"	"	"
94-81-5	MCPB	< 3340		µg/kg dry	3340	1710	1	"	"	"	"	"	"
93-65-2	MCPD	< 3340		µg/kg dry	3340	1380	1	"	"	"	"	"	"

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	60			30-150 %			"	"	"	"	"	"
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr) [2C]	55			30-150 %			"	"	"	"	"	"

**Total Metals by EPA 6000/7000 Series Methods**

7440-22-4	Silver	< 2.12		mg/kg dry	2.12	0.326	1	SW846 6010C	12-Jun-12	13-Jun-12	EDT	1213909	
7440-38-2	Arsenic	4.46		mg/kg dry	2.12	0.340	1	"	"	"	"	"	"
7440-39-3	Barium	78.3		mg/kg dry	1.41	0.341	1	"	"	"	"	"	"
7440-43-9	Cadmium	< 0.705		mg/kg dry	0.705	0.0779	1	"	"	"	"	"	"
7440-47-3	Chromium	26.1		mg/kg dry	1.41	0.514	1	"	"	"	"	"	"
7439-97-6	Mercury	0.787	GS1	mg/kg dry	0.0857	0.0175	2	SW846 7471B	"	13-Jun-12	JLM	1213910	
7439-92-1	Lead	353		mg/kg dry	2.12	0.251	1	SW846 6010C	"	13-Jun-12	EDT	1213909	
7782-49-2	Selenium	< 2.12		mg/kg dry	2.12	0.313	1	"	"	"	"	"	"

**TCLP Metals by EPA 1311 & 6000/7000 Series Methods**

	TCLP Extraction	Completed		N/A			1	SW846 1311	20-Jun-12	21-Jun-12	JRF	1214712	
7439-92-1	Lead	0.380		mg/l	0.0150	0.0048	1	SW846 1311/6010C	21-Jun-12	21-Jun-12	EDT	1214781	

**General Chemistry Parameters**

	% Solids	67.1		%			1	SM2540 G Mod.	12-Jun-12	12-Jun-12	JLH	1213911	
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**Toxicity Characteristics**

	Ignitability by Definition	Negative	IgHT	N/A			1	SW846 1030	13-Jun-12 08:30	13-Jun-12 11:51	VK	1213980	
	pH	6.92	pH	pH Units			1	SW846 9045D	14-Jun-12 09:55	14-Jun-12 09:55	BD	1214079	

Reactivity Cyanide/SulfidePrepared by method General Preparation

	Reactivity	Nonreactive		mg/kg dry			1	SW846 Ch. 7.3	13-Jun-12	13-Jun-12	BD	1214002	
	Reactive Cyanide	< 23.7		mg/kg dry	23.7	2.37	1	"	"	"	"	"	"
	Reactive Sulfide	< 47.4		mg/kg dry	47.4	4.74	1	"	"	"	"	"	"

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# Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1214106 - SW846 5030 Water MS</b>										
<b>Blank (1214106-BLK1)</b>										<u>Prepared &amp; Analyzed: 14-Jun-12</u>
1,1,2-Trichlorotrifluoroethane (Freon 113)	< 1.0		µg/kg wet	1.0						
Acetone	< 10.0		µg/kg wet	10.0						
Acrylonitrile	< 1.0		µg/kg wet	1.0						
Benzene	< 1.0		µg/kg wet	1.0						
Bromobenzene	< 1.0		µg/kg wet	1.0						
Bromochloromethane	< 1.0		µg/kg wet	1.0						
Bromodichloromethane	< 1.0		µg/kg wet	1.0						
Bromoform	< 1.0		µg/kg wet	1.0						
Bromomethane	< 2.0		µg/kg wet	2.0						
2-Butanone (MEK)	< 10.0		µg/kg wet	10.0						
n-Butylbenzene	< 1.0		µg/kg wet	1.0						
sec-Butylbenzene	< 1.0		µg/kg wet	1.0						
tert-Butylbenzene	< 1.0		µg/kg wet	1.0						
Carbon disulfide	< 2.0		µg/kg wet	2.0						
Carbon tetrachloride	< 1.0		µg/kg wet	1.0						
Chlorobenzene	< 1.0		µg/kg wet	1.0						
Chloroethane	< 2.0		µg/kg wet	2.0						
Chloroform	< 1.0		µg/kg wet	1.0						
Chloromethane	< 2.0		µg/kg wet	2.0						
2-Chlorotoluene	< 1.0		µg/kg wet	1.0						
4-Chlorotoluene	< 1.0		µg/kg wet	1.0						
1,2-Dibromo-3-chloropropane	< 2.0		µg/kg wet	2.0						
Dibromochloromethane	< 1.0		µg/kg wet	1.0						
1,2-Dibromoethane (EDB)	< 1.0		µg/kg wet	1.0						
Dibromomethane	< 1.0		µg/kg wet	1.0						
1,2-Dichlorobenzene	< 1.0		µg/kg wet	1.0						
1,3-Dichlorobenzene	< 1.0		µg/kg wet	1.0						
1,4-Dichlorobenzene	< 1.0		µg/kg wet	1.0						
Dichlorodifluoromethane (Freon12)	< 2.0		µg/kg wet	2.0						
1,1-Dichloroethane	< 1.0		µg/kg wet	1.0						
1,2-Dichloroethane	< 1.0		µg/kg wet	1.0						
1,1-Dichloroethene	< 1.0		µg/kg wet	1.0						
cis-1,2-Dichloroethene	< 1.0		µg/kg wet	1.0						
trans-1,2-Dichloroethene	< 1.0		µg/kg wet	1.0						
1,2-Dichloropropane	< 1.0		µg/kg wet	1.0						
1,3-Dichloropropane	< 1.0		µg/kg wet	1.0						
2,2-Dichloropropane	< 1.0		µg/kg wet	1.0						
1,1-Dichloropropene	< 1.0		µg/kg wet	1.0						
cis-1,3-Dichloropropene	< 1.0		µg/kg wet	1.0						
trans-1,3-Dichloropropene	< 1.0		µg/kg wet	1.0						
Ethylbenzene	< 1.0		µg/kg wet	1.0						
Hexachlorobutadiene	< 1.0		µg/kg wet	1.0						
2-Hexanone (MBK)	< 10.0		µg/kg wet	10.0						
Isopropylbenzene	< 1.0		µg/kg wet	1.0						
4-Isopropyltoluene	< 1.0		µg/kg wet	1.0						
Methyl tert-butyl ether	< 1.0		µg/kg wet	1.0						
4-Methyl-2-pentanone (MIBK)	< 10.0		µg/kg wet	10.0						
Methylene chloride	< 2.0		µg/kg wet	2.0						
Naphthalene	< 1.0		µg/kg wet	1.0						
n-Propylbenzene	< 1.0		µg/kg wet	1.0						
Styrene	< 1.0		µg/kg wet	1.0						
1,1,1,2-Tetrachloroethane	< 1.0		µg/kg wet	1.0						

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# Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1214106 - SW846 5030 Water MS</b>										
<b>Blank (1214106-BLK1)</b>					<u>Prepared &amp; Analyzed: 14-Jun-12</u>					
1,1,2,2-Tetrachloroethane	< 1.0		µg/kg wet	1.0						
Tetrachloroethene	< 1.0		µg/kg wet	1.0						
Toluene	< 1.0		µg/kg wet	1.0						
1,2,3-Trichlorobenzene	< 1.0		µg/kg wet	1.0						
1,2,4-Trichlorobenzene	< 1.0		µg/kg wet	1.0						
1,3,5-Trichlorobenzene	< 1.0		µg/kg wet	1.0						
1,1,1-Trichloroethane	< 1.0		µg/kg wet	1.0						
1,1,2-Trichloroethane	< 1.0		µg/kg wet	1.0						
Trichloroethene	< 1.0		µg/kg wet	1.0						
Trichlorofluoromethane (Freon 11)	< 1.0		µg/kg wet	1.0						
1,2,3-Trichloropropane	< 1.0		µg/kg wet	1.0						
1,2,4-Trimethylbenzene	< 1.0		µg/kg wet	1.0						
1,3,5-Trimethylbenzene	< 1.0		µg/kg wet	1.0						
Vinyl chloride	< 1.0		µg/kg wet	1.0						
m,p-Xylene	< 2.0		µg/kg wet	2.0						
o-Xylene	< 1.0		µg/kg wet	1.0						
Tetrahydrofuran	< 2.0		µg/kg wet	2.0						
Ethyl ether	< 1.0		µg/kg wet	1.0						
Tert-amyl methyl ether	< 1.0		µg/kg wet	1.0						
Ethyl tert-butyl ether	< 1.0		µg/kg wet	1.0						
Di-isopropyl ether	< 1.0		µg/kg wet	1.0						
Tert-Butanol / butyl alcohol	< 10.0		µg/kg wet	10.0						
1,4-Dioxane	< 20.0		µg/kg wet	20.0						
trans-1,4-Dichloro-2-butene	< 5.0		µg/kg wet	5.0						
Ethanol	< 400		µg/kg wet	400						
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>26.7</i>		<i>µg/kg wet</i>		<i>30.0</i>		<i>89</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>	<i>29.0</i>		<i>µg/kg wet</i>		<i>30.0</i>		<i>97</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>32.6</i>		<i>µg/kg wet</i>		<i>30.0</i>		<i>109</i>	<i>70-130</i>		
<i>Surrogate: Dibromofluoromethane</i>	<i>32.8</i>		<i>µg/kg wet</i>		<i>30.0</i>		<i>110</i>	<i>70-130</i>		
<b>LCS (1214106-BS1)</b>					<u>Prepared &amp; Analyzed: 14-Jun-12</u>					
1,1,2-Trichlorotrifluoroethane (Freon 113)	<b>21.0</b>		µg/kg wet		20.0		105	70-130		
Acetone	<b>19.4</b>		µg/kg wet		20.0		97	70-130		
Acrylonitrile	<b>19.5</b>		µg/kg wet		20.0		97	70-130		
Benzene	<b>21.3</b>		µg/kg wet		20.0		106	70-130		
Bromobenzene	<b>21.8</b>		µg/kg wet		20.0		109	70-130		
Bromochloromethane	<b>20.8</b>		µg/kg wet		20.0		104	70-130		
Bromodichloromethane	<b>23.3</b>		µg/kg wet		20.0		116	70-130		
Bromoform	<b>21.3</b>		µg/kg wet		20.0		106	70-130		
Bromomethane	<b>23.9</b>		µg/kg wet		20.0		119	70-130		
2-Butanone (MEK)	<b>18.4</b>		µg/kg wet		20.0		92	70-130		
n-Butylbenzene	<b>20.4</b>		µg/kg wet		20.0		102	70-130		
sec-Butylbenzene	<b>21.4</b>		µg/kg wet		20.0		107	70-130		
tert-Butylbenzene	<b>20.8</b>		µg/kg wet		20.0		104	70-130		
Carbon disulfide	<b>23.5</b>		µg/kg wet		20.0		118	70-130		
Carbon tetrachloride	<b>22.6</b>		µg/kg wet		20.0		113	70-130		
Chlorobenzene	<b>20.6</b>		µg/kg wet		20.0		103	70-130		
Chloroethane	<b>20.1</b>		µg/kg wet		20.0		101	70-130		
Chloroform	<b>20.6</b>		µg/kg wet		20.0		103	70-130		
Chloromethane	<b>20.4</b>		µg/kg wet		20.0		102	70-130		
2-Chlorotoluene	<b>23.5</b>		µg/kg wet		20.0		117	70-130		
4-Chlorotoluene	<b>23.3</b>		µg/kg wet		20.0		116	70-130		

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# Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1214106 - SW846 5030 Water MS</b>										
<b>LCS (1214106-BS1)</b>					<u>Prepared &amp; Analyzed: 14-Jun-12</u>					
1,2-Dibromo-3-chloropropane	20.9		µg/kg wet		20.0		104	70-130		
Dibromochloromethane	21.7		µg/kg wet		20.0		108	70-130		
1,2-Dibromoethane (EDB)	21.3		µg/kg wet		20.0		107	70-130		
Dibromomethane	21.4		µg/kg wet		20.0		107	70-130		
1,2-Dichlorobenzene	21.8		µg/kg wet		20.0		109	70-130		
1,3-Dichlorobenzene	22.2		µg/kg wet		20.0		111	70-130		
1,4-Dichlorobenzene	21.1		µg/kg wet		20.0		106	70-130		
Dichlorodifluoromethane (Freon12)	20.1		µg/kg wet		20.0		100	70-130		
1,1-Dichloroethane	21.2		µg/kg wet		20.0		106	70-130		
1,2-Dichloroethane	22.9		µg/kg wet		20.0		114	70-130		
1,1-Dichloroethene	21.1		µg/kg wet		20.0		106	70-130		
cis-1,2-Dichloroethene	21.4		µg/kg wet		20.0		107	70-130		
trans-1,2-Dichloroethene	21.5		µg/kg wet		20.0		107	70-130		
1,2-Dichloropropane	21.2		µg/kg wet		20.0		106	70-130		
1,3-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130		
2,2-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130		
1,1-Dichloropropene	20.8		µg/kg wet		20.0		104	70-130		
cis-1,3-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130		
trans-1,3-Dichloropropene	20.3		µg/kg wet		20.0		102	70-130		
Ethylbenzene	23.5		µg/kg wet		20.0		118	70-130		
Hexachlorobutadiene	18.9		µg/kg wet		20.0		95	70-130		
2-Hexanone (MBK)	18.8		µg/kg wet		20.0		94	70-130		
Isopropylbenzene	21.9		µg/kg wet		20.0		109	70-130		
4-Isopropyltoluene	20.4		µg/kg wet		20.0		102	70-130		
Methyl tert-butyl ether	19.5		µg/kg wet		20.0		97	70-130		
4-Methyl-2-pentanone (MIBK)	16.9		µg/kg wet		20.0		85	70-130		
Methylene chloride	21.3		µg/kg wet		20.0		106	70-130		
Naphthalene	19.1		µg/kg wet		20.0		96	70-130		
n-Propylbenzene	20.6		µg/kg wet		20.0		103	70-130		
Styrene	20.2		µg/kg wet		20.0		101	70-130		
1,1,1,2-Tetrachloroethane	22.2		µg/kg wet		20.0		111	70-130		
1,1,2,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130		
Tetrachloroethene	21.0		µg/kg wet		20.0		105	70-130		
Toluene	21.7		µg/kg wet		20.0		108	70-130		
1,2,3-Trichlorobenzene	21.5		µg/kg wet		20.0		107	70-130		
1,2,4-Trichlorobenzene	21.4		µg/kg wet		20.0		107	70-130		
1,3,5-Trichlorobenzene	21.5		µg/kg wet		20.0		107	70-130		
1,1,1-Trichloroethane	22.7		µg/kg wet		20.0		114	70-130		
1,1,2-Trichloroethane	21.0		µg/kg wet		20.0		105	70-130		
Trichloroethene	21.8		µg/kg wet		20.0		109	70-130		
Trichlorofluoromethane (Freon 11)	21.1		µg/kg wet		20.0		106	70-130		
1,2,3-Trichloropropane	19.8		µg/kg wet		20.0		99	70-130		
1,2,4-Trimethylbenzene	21.0		µg/kg wet		20.0		105	70-130		
1,3,5-Trimethylbenzene	20.8		µg/kg wet		20.0		104	70-130		
Vinyl chloride	20.5		µg/kg wet		20.0		102	70-130		
m,p-Xylene	42.5		µg/kg wet		40.0		106	70-130		
o-Xylene	24.3		µg/kg wet		20.0		122	70-130		
Tetrahydrofuran	19.6		µg/kg wet		20.0		98	70-130		
Ethyl ether	20.7		µg/kg wet		20.0		103	70-130		
Tert-amyl methyl ether	18.4		µg/kg wet		20.0		92	70-130		
Ethyl tert-butyl ether	19.5		µg/kg wet		20.0		98	70-130		
Di-isopropyl ether	20.4		µg/kg wet		20.0		102	70-130		

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# Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1214106 - SW846 5030 Water MS</b>										
<b>LCS (1214106-BS1)</b>					<u>Prepared &amp; Analyzed: 14-Jun-12</u>					
Tert-Butanol / butyl alcohol	186		µg/kg wet		200		93	70-130		
1,4-Dioxane	313		µg/kg wet		200		156	70-130		
trans-1,4-Dichloro-2-butene	20.8		µg/kg wet		20.0		104	70-130		
Ethanol	384		µg/kg wet		400		96	70-130		
Surrogate: 4-Bromofluorobenzene	30.5		µg/kg wet		30.0		102	70-130		
Surrogate: Toluene-d8	30.5		µg/kg wet		30.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4	32.5		µg/kg wet		30.0		108	70-130		
Surrogate: Dibromofluoromethane	30.7		µg/kg wet		30.0		102	70-130		
<b>LCS Dup (1214106-BS1)</b>					<u>Prepared &amp; Analyzed: 14-Jun-12</u>					
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.8		µg/kg wet		20.0		104	70-130	1	25
Acetone	20.1		µg/kg wet		20.0		100	70-130	4	50
Acrylonitrile	20.2		µg/kg wet		20.0		101	70-130	3	25
Benzene	22.0		µg/kg wet		20.0		110	70-130	3	25
Bromobenzene	23.2		µg/kg wet		20.0		116	70-130	6	25
Bromochloromethane	21.5		µg/kg wet		20.0		107	70-130	3	25
Bromodichloromethane	24.3		µg/kg wet		20.0		121	70-130	4	25
Bromoform	23.0		µg/kg wet		20.0		115	70-130	8	25
Bromomethane	24.9		µg/kg wet		20.0		125	70-130	4	50
2-Butanone (MEK)	23.0		µg/kg wet		20.0		115	70-130	23	50
n-Butylbenzene	20.8		µg/kg wet		20.0		104	70-130	2	25
sec-Butylbenzene	22.4		µg/kg wet		20.0		112	70-130	5	25
tert-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130	5	25
Carbon disulfide	24.0		µg/kg wet		20.0		120	70-130	2	25
Carbon tetrachloride	23.1		µg/kg wet		20.0		115	70-130	2	25
Chlorobenzene	22.1		µg/kg wet		20.0		111	70-130	7	25
Chloroethane	21.2		µg/kg wet		20.0		106	70-130	5	50
Chloroform	21.4		µg/kg wet		20.0		107	70-130	4	25
Chloromethane	20.7		µg/kg wet		20.0		104	70-130	1	25
2-Chlorotoluene	25.1		µg/kg wet		20.0		125	70-130	7	25
4-Chlorotoluene	24.7		µg/kg wet		20.0		123	70-130	6	25
1,2-Dibromo-3-chloropropane	20.8		µg/kg wet		20.0		104	70-130	0.5	25
Dibromochloromethane	22.2		µg/kg wet		20.0		111	70-130	2	50
1,2-Dibromoethane (EDB)	21.9		µg/kg wet		20.0		110	70-130	3	25
Dibromomethane	22.1		µg/kg wet		20.0		111	70-130	3	25
1,2-Dichlorobenzene	22.7		µg/kg wet		20.0		114	70-130	4	25
1,3-Dichlorobenzene	23.2		µg/kg wet		20.0		116	70-130	5	25
1,4-Dichlorobenzene	21.8		µg/kg wet		20.0		109	70-130	3	25
Dichlorodifluoromethane (Freon12)	19.5		µg/kg wet		20.0		98	70-130	3	50
1,1-Dichloroethane	22.1		µg/kg wet		20.0		111	70-130	4	25
1,2-Dichloroethane	24.1		µg/kg wet		20.0		120	70-130	5	25
1,1-Dichloroethene	21.8		µg/kg wet		20.0		109	70-130	3	25
cis-1,2-Dichloroethene	22.1		µg/kg wet		20.0		111	70-130	3	25
trans-1,2-Dichloroethene	22.3		µg/kg wet		20.0		112	70-130	4	25
1,2-Dichloropropane	22.0		µg/kg wet		20.0		110	70-130	4	25
1,3-Dichloropropane	21.8		µg/kg wet		20.0		109	70-130	4	25
2,2-Dichloropropane	21.1		µg/kg wet		20.0		106	70-130	2	25
1,1-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130	2	25
cis-1,3-Dichloropropene	22.4		µg/kg wet		20.0		112	70-130	5	25
trans-1,3-Dichloropropene	21.3		µg/kg wet		20.0		106	70-130	4	25
Ethylbenzene	24.6		µg/kg wet		20.0		123	70-130	5	25
Hexachlorobutadiene	21.9		µg/kg wet		20.0		109	70-130	14	50

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# Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1214106 - SW846 5030 Water MS</b>										
<b>LCS Dup (1214106-BSD1)</b>					<b>Prepared &amp; Analyzed: 14-Jun-12</b>					
2-Hexanone (MBK)	19.8		µg/kg wet		20.0		99	70-130	5	25
Isopropylbenzene	22.9		µg/kg wet		20.0		114	70-130	4	25
4-Isopropyltoluene	21.2		µg/kg wet		20.0		106	70-130	4	25
Methyl tert-butyl ether	20.1		µg/kg wet		20.0		101	70-130	3	25
4-Methyl-2-pentanone (MIBK)	16.2		µg/kg wet		20.0		81	70-130	5	50
Methylene chloride	21.8		µg/kg wet		20.0		109	70-130	3	25
Naphthalene	20.5		µg/kg wet		20.0		102	70-130	7	25
n-Propylbenzene	21.6		µg/kg wet		20.0		108	70-130	5	25
Styrene	21.2		µg/kg wet		20.0		106	70-130	5	25
1,1,1,2-Tetrachloroethane	23.6		µg/kg wet		20.0		118	70-130	6	25
1,1,2,2-Tetrachloroethane	21.3		µg/kg wet		20.0		107	70-130	5	25
Tetrachloroethene	22.2		µg/kg wet		20.0		111	70-130	6	25
Toluene	22.6		µg/kg wet		20.0		113	70-130	4	25
1,2,3-Trichlorobenzene	24.1		µg/kg wet		20.0		121	70-130	12	25
1,2,4-Trichlorobenzene	23.1		µg/kg wet		20.0		115	70-130	8	25
1,3,5-Trichlorobenzene	22.7		µg/kg wet		20.0		114	70-130	6	25
1,1,1-Trichloroethane	23.7		µg/kg wet		20.0		119	70-130	4	25
1,1,2-Trichloroethane	22.3		µg/kg wet		20.0		112	70-130	6	25
Trichloroethene	23.3		µg/kg wet		20.0		117	70-130	7	25
Trichlorofluoromethane (Freon 11)	21.4		µg/kg wet		20.0		107	70-130	1	50
1,2,3-Trichloropropane	21.1		µg/kg wet		20.0		105	70-130	6	25
1,2,4-Trimethylbenzene	21.9		µg/kg wet		20.0		110	70-130	4	25
1,3,5-Trimethylbenzene	22.3		µg/kg wet		20.0		111	70-130	7	25
Vinyl chloride	20.7		µg/kg wet		20.0		103	70-130	1	25
m,p-Xylene	44.8		µg/kg wet		40.0		112	70-130	5	25
o-Xylene	25.8		µg/kg wet		20.0		129	70-130	6	25
Tetrahydrofuran	21.0		µg/kg wet		20.0		105	70-130	7	25
Ethyl ether	20.8		µg/kg wet		20.0		104	70-130	0.4	50
Tert-amyl methyl ether	19.2		µg/kg wet		20.0		96	70-130	4	25
Ethyl tert-butyl ether	20.5		µg/kg wet		20.0		103	70-130	5	25
Di-isopropyl ether	21.6		µg/kg wet		20.0		108	70-130	5	25
Tert-Butanol / butyl alcohol	197		µg/kg wet		200		98	70-130	6	25
1,4-Dioxane	305		µg/kg wet		200		152	70-130	3	25
trans-1,4-Dichloro-2-butene	22.3		µg/kg wet		20.0		112	70-130	7	25
Ethanol	401		µg/kg wet		400		100	70-130	4	30
Surrogate: 4-Bromofluorobenzene	30.5		µg/kg wet		30.0		102	70-130		
Surrogate: Toluene-d8	30.1		µg/kg wet		30.0		100	70-130		
Surrogate: 1,2-Dichloroethane-d4	33.0		µg/kg wet		30.0		110	70-130		
Surrogate: Dibromofluoromethane	30.5		µg/kg wet		30.0		102	70-130		

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# Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213800 - SW846 3545A</b>										
<b>Blank (1213800-BLK1)</b>										
					Prepared: 12-Jun-12 Analyzed: 13-Jun-12					
Acenaphthene	< 165		µg/kg wet	165						
Acenaphthylene	< 165		µg/kg wet	165						
Aniline	< 330		µg/kg wet	330						
Anthracene	< 165		µg/kg wet	165						
Azobenzene/Diphenyldiazine	< 330		µg/kg wet	330						
Benzidine	< 330		µg/kg wet	330						
Benzo (a) anthracene	< 165		µg/kg wet	165						
Benzo (a) pyrene	< 165		µg/kg wet	165						
Benzo (b) fluoranthene	< 165		µg/kg wet	165						
Benzo (g,h,i) perylene	< 165		µg/kg wet	165						
Benzo (k) fluoranthene	< 165		µg/kg wet	165						
Benzoic acid	< 330		µg/kg wet	330						
Benzyl alcohol	< 330		µg/kg wet	330						
Bis(2-chloroethoxy)methane	< 330		µg/kg wet	330						
Bis(2-chloroethyl)ether	< 165		µg/kg wet	165						
Bis(2-chloroisopropyl)ether	< 165		µg/kg wet	165						
Bis(2-ethylhexyl)phthalate	< 165		µg/kg wet	165						
4-Bromophenyl phenyl ether	< 330		µg/kg wet	330						
Butyl benzyl phthalate	< 330		µg/kg wet	330						
Carbazole	< 165		µg/kg wet	165						
4-Chloro-3-methylphenol	< 330		µg/kg wet	330						
4-Chloroaniline	< 165		µg/kg wet	165						
2-Chloronaphthalene	< 330		µg/kg wet	330						
2-Chlorophenol	< 165		µg/kg wet	165						
4-Chlorophenyl phenyl ether	< 330		µg/kg wet	330						
Chrysene	< 165		µg/kg wet	165						
Dibenzo (a,h) anthracene	< 165		µg/kg wet	165						
Dibenzofuran	< 165		µg/kg wet	165						
1,2-Dichlorobenzene	< 330		µg/kg wet	330						
1,3-Dichlorobenzene	< 330		µg/kg wet	330						
1,4-Dichlorobenzene	< 330		µg/kg wet	330						
3,3'-Dichlorobenzidine	< 330		µg/kg wet	330						
2,4-Dichlorophenol	< 165		µg/kg wet	165						
Diethyl phthalate	< 330		µg/kg wet	330						
Dimethyl phthalate	< 330		µg/kg wet	330						
2,4-Dimethylphenol	< 330		µg/kg wet	330						
Di-n-butyl phthalate	< 330		µg/kg wet	330						
4,6-Dinitro-2-methylphenol	< 330		µg/kg wet	330						
2,4-Dinitrophenol	< 330		µg/kg wet	330						
2,4-Dinitrotoluene	< 165		µg/kg wet	165						
2,6-Dinitrotoluene	< 165		µg/kg wet	165						
Di-n-octyl phthalate	< 330		µg/kg wet	330						
Fluoranthene	< 165		µg/kg wet	165						
Fluorene	< 165		µg/kg wet	165						
Hexachlorobenzene	< 165		µg/kg wet	165						
Hexachlorobutadiene	< 165		µg/kg wet	165						
Hexachlorocyclopentadiene	< 165		µg/kg wet	165						
Hexachloroethane	< 165		µg/kg wet	165						
Indeno (1,2,3-cd) pyrene	< 165		µg/kg wet	165						
Isophorone	< 165		µg/kg wet	165						
2-Methylnaphthalene	< 165		µg/kg wet	165						
2-Methylphenol	< 330		µg/kg wet	330						

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# Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213800 - SW846 3545A</b>										
<b>Blank (1213800-BLK1)</b>					Prepared: 12-Jun-12 Analyzed: 13-Jun-12					
3 & 4-Methylphenol	< 330		µg/kg wet	330						
Naphthalene	< 165		µg/kg wet	165						
2-Nitroaniline	< 330		µg/kg wet	330						
3-Nitroaniline	< 330		µg/kg wet	330						
4-Nitroaniline	< 165		µg/kg wet	165						
Nitrobenzene	< 165		µg/kg wet	165						
2-Nitrophenol	< 165		µg/kg wet	165						
4-Nitrophenol	< 1320		µg/kg wet	1320						
N-Nitrosodimethylamine	< 165		µg/kg wet	165						
N-Nitrosodi-n-propylamine	< 165		µg/kg wet	165						
N-Nitrosodiphenylamine	< 330		µg/kg wet	330						
Pentachlorophenol	< 330		µg/kg wet	330						
Phenanthrene	< 165		µg/kg wet	165						
Phenol	< 330		µg/kg wet	330						
Pyrene	< 165		µg/kg wet	165						
Pyridine	< 330		µg/kg wet	330						
1,2,4-Trichlorobenzene	< 330		µg/kg wet	330						
1-Methylnaphthalene	< 165		µg/kg wet	165						
2,4,5-Trichlorophenol	< 330		µg/kg wet	330						
2,4,6-Trichlorophenol	< 165		µg/kg wet	165						
Pentachloronitrobenzene	< 330		µg/kg wet	330						
1,2,4,5-Tetrachlorobenzene	< 330		µg/kg wet	330						
Surrogate: 2-Fluorobiphenyl	1170		µg/kg wet		1670		70	30-130		
Surrogate: 2-Fluorophenol	1360		µg/kg wet		1670		82	30-130		
Surrogate: Nitrobenzene-d5	957		µg/kg wet		1670		57	30-130		
Surrogate: Phenol-d5	1480		µg/kg wet		1670		89	30-130		
Surrogate: Terphenyl-d14	1470		µg/kg wet		1670		88	30-130		
Surrogate: 2,4,6-Tribromophenol	1400		µg/kg wet		1670		84	30-130		
<b>LCS (1213800-BS1)</b>					Prepared: 12-Jun-12 Analyzed: 13-Jun-12					
Acenaphthene	1300		µg/kg wet	165	1670		78	40-130		
Acenaphthylene	1270		µg/kg wet	165	1670		76	40-130		
Aniline	997		µg/kg wet	330	1670		60	40-130		
Anthracene	1320		µg/kg wet	165	1670		79	40-130		
Azobenzene/Diphenyldiazine	1040		µg/kg wet	330	1670		63	40-130		
Benzidine	605	QC2	µg/kg wet	330	1670		36	40-140		
Benzo (a) anthracene	1360		µg/kg wet	165	1670		82	40-130		
Benzo (a) pyrene	1300		µg/kg wet	165	1670		78	40-130		
Benzo (b) fluoranthene	1360		µg/kg wet	165	1670		82	40-130		
Benzo (g,h,i) perylene	1420		µg/kg wet	165	1670		85	40-130		
Benzo (k) fluoranthene	1260		µg/kg wet	165	1670		76	40-130		
Benzoic acid	409	QC2	µg/kg wet	330	1670		25	40-130		
Benzyl alcohol	1010		µg/kg wet	330	1670		61	40-130		
Bis(2-chloroethoxy)methane	985		µg/kg wet	330	1670		59	40-130		
Bis(2-chloroethyl)ether	1090		µg/kg wet	165	1670		65	40-130		
Bis(2-chloroisopropyl)ether	352	QC2	µg/kg wet	165	1670		21	40-130		
Bis(2-ethylhexyl)phthalate	1130		µg/kg wet	165	1670		68	40-130		
4-Bromophenyl phenyl ether	1470		µg/kg wet	330	1670		88	40-130		
Butyl benzyl phthalate	1120		µg/kg wet	330	1670		67	40-130		
Carbazole	1490		µg/kg wet	165	1670		89	40-130		
4-Chloro-3-methylphenol	1320		µg/kg wet	330	1670		79	40-130		
4-Chloroaniline	1190		µg/kg wet	165	1670		71	40-130		

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# Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213800 - SW846 3545A</b>										
<u>LCS (1213800-BS1)</u>	<u>Prepared: 12-Jun-12 Analyzed: 13-Jun-12</u>									
2-Chloronaphthalene	1290		µg/kg wet	330	1670		77	40-130		
2-Chlorophenol	1460		µg/kg wet	165	1670		87	40-130		
4-Chlorophenyl phenyl ether	1350		µg/kg wet	330	1670		81	40-130		
Chrysene	1290		µg/kg wet	165	1670		77	40-130		
Dibenzo (a,h) anthracene	1380		µg/kg wet	165	1670		83	40-130		
Dibenzofuran	1380		µg/kg wet	165	1670		83	40-130		
1,2-Dichlorobenzene	1300		µg/kg wet	330	1670		78	40-130		
1,3-Dichlorobenzene	1210		µg/kg wet	330	1670		72	40-130		
1,4-Dichlorobenzene	1220		µg/kg wet	330	1670		73	40-130		
3,3'-Dichlorobenzidine	1540		µg/kg wet	330	1670		93	40-130		
2,4-Dichlorophenol	1370		µg/kg wet	165	1670		82	40-130		
Diethyl phthalate	1250		µg/kg wet	330	1670		75	40-130		
Dimethyl phthalate	1220		µg/kg wet	330	1670		73	40-130		
2,4-Dimethylphenol	1350		µg/kg wet	330	1670		81	40-130		
Di-n-butyl phthalate	1370		µg/kg wet	330	1670		82	40-130		
4,6-Dinitro-2-methylphenol	1810		µg/kg wet	330	1670		108	40-130		
2,4-Dinitrophenol	1070		µg/kg wet	330	1670		64	40-130		
2,4-Dinitrotoluene	1510		µg/kg wet	165	1670		91	40-130		
2,6-Dinitrotoluene	2010		µg/kg wet	165	1670		121	40-130		
Di-n-octyl phthalate	1000		µg/kg wet	330	1670		60	40-130		
Fluoranthene	1390		µg/kg wet	165	1670		84	40-130		
Fluorene	1350		µg/kg wet	165	1670		81	40-130		
Hexachlorobenzene	1710		µg/kg wet	165	1670		102	40-130		
Hexachlorobutadiene	1090		µg/kg wet	165	1670		66	40-130		
Hexachlorocyclopentadiene	1180		µg/kg wet	165	1670		71	40-130		
Hexachloroethane	1210		µg/kg wet	165	1670		72	40-130		
Indeno (1,2,3-cd) pyrene	1410		µg/kg wet	165	1670		85	40-130		
Isophorone	929		µg/kg wet	165	1670		56	40-130		
2-Methylnaphthalene	1530		µg/kg wet	165	1670		92	40-130		
2-Methylphenol	1480		µg/kg wet	330	1670		89	40-130		
3 & 4-Methylphenol	1530		µg/kg wet	330	1670		92	40-130		
Naphthalene	1250		µg/kg wet	165	1670		75	40-130		
2-Nitroaniline	1520		µg/kg wet	330	1670		91	40-130		
3-Nitroaniline	988		µg/kg wet	330	1670		59	40-130		
4-Nitroaniline	1900		µg/kg wet	165	1670		114	40-130		
Nitrobenzene	992		µg/kg wet	165	1670		60	40-130		
2-Nitrophenol	1450		µg/kg wet	165	1670		87	40-130		
4-Nitrophenol	1210		µg/kg wet	1320	1670		73	40-130		
N-Nitrosodimethylamine	1130		µg/kg wet	165	1670		68	40-130		
N-Nitrosodi-n-propylamine	1050		µg/kg wet	165	1670		63	40-130		
N-Nitrosodiphenylamine	1580		µg/kg wet	330	1670		95	40-130		
Pentachlorophenol	1380		µg/kg wet	330	1670		83	40-130		
Phenanthrene	1260		µg/kg wet	165	1670		76	40-130		
Phenol	1380		µg/kg wet	330	1670		83	40-130		
Pyrene	1190		µg/kg wet	165	1670		72	40-130		
Pyridine	1350		µg/kg wet	330	1670		81	40-140		
1,2,4-Trichlorobenzene	1160		µg/kg wet	330	1670		69	40-130		
1-Methylnaphthalene	1290		µg/kg wet	165	1670		78	40-140		
2,4,5-Trichlorophenol	1450		µg/kg wet	330	1670		87	40-130		
2,4,6-Trichlorophenol	1410		µg/kg wet	165	1670		85	40-130		
Pentachloronitrobenzene	1440		µg/kg wet	330	1670		86	40-140		
1,2,4,5-Tetrachlorobenzene	1440		µg/kg wet	330	1670		86	40-140		

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# Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213800 - SW846 3545A</b>										
<b><u>LCS (1213800-BS1)</u></b>					<u>Prepared: 12-Jun-12 Analyzed: 13-Jun-12</u>					
Surrogate: 2-Fluorobiphenyl	1200		µg/kg wet		1670		72	30-130		
Surrogate: 2-Fluorophenol	1270		µg/kg wet		1670		76	30-130		
Surrogate: Nitrobenzene-d5	942		µg/kg wet		1670		57	30-130		
Surrogate: Phenol-d5	1410		µg/kg wet		1670		84	30-130		
Surrogate: Terphenyl-d14	1600		µg/kg wet		1670		96	30-130		
Surrogate: 2,4,6-Tribromophenol	1450		µg/kg wet		1670		87	30-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213924 - SW846 3550C</b>										
<b><u>Blank (1213924-BLK1)</u></b>	<b><u>Prepared &amp; Analyzed: 13-Jun-12</u></b>									
2,4,5-T	< 6.70		µg/kg wet	6.70						
2,4,5-T [2C]	< 6.70		µg/kg wet	6.70						
2,4,5-TP (Silvex)	< 6.70		µg/kg wet	6.70						
2,4,5-TP (Silvex) [2C]	< 6.70		µg/kg wet	6.70						
2,4-D	< 6.70		µg/kg wet	6.70						
2,4-D [2C]	< 6.70		µg/kg wet	6.70						
2,4-DB	< 6.70		µg/kg wet	6.70						
2,4-DB [2C]	< 6.70		µg/kg wet	6.70						
Dalapon	< 6.70		µg/kg wet	6.70						
Dalapon [2C]	< 6.70		µg/kg wet	6.70						
Dicamba	< 6.70		µg/kg wet	6.70						
Dicamba [2C]	< 6.70		µg/kg wet	6.70						
Dichlorprop	< 6.70		µg/kg wet	6.70						
Dichlorprop [2C]	< 6.70		µg/kg wet	6.70						
Dinoseb	< 6.70		µg/kg wet	6.70						
Dinoseb [2C]	< 6.70		µg/kg wet	6.70						
MCPA	< 2250		µg/kg wet	2250						
MCPA [2C]	< 2250		µg/kg wet	2250						
MCPB	< 2250		µg/kg wet	2250						
MCPB [2C]	< 2250		µg/kg wet	2250						
MCPP	< 2250		µg/kg wet	2250						
MCPP [2C]	< 2250		µg/kg wet	2250						
<i>Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)</i>	6.67		µg/kg wet		13.3		50	30-150		
<i>Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]</i>	6.00		µg/kg wet		13.3		45	30-150		
<b><u>LCS (1213924-BS1)</u></b>	<b><u>Prepared &amp; Analyzed: 13-Jun-12</u></b>									
2,4,5-T	<b>24.7</b>		µg/kg wet	6.70	33.3		74	40-140		
2,4,5-T [2C]	<b>25.3</b>		µg/kg wet	6.70	33.3		76	40-140		
2,4,5-TP (Silvex)	<b>27.3</b>		µg/kg wet	6.70	33.3		82	40-140		
2,4,5-TP (Silvex) [2C]	<b>27.3</b>		µg/kg wet	6.70	33.3		82	40-140		
2,4-D	<b>31.3</b>		µg/kg wet	6.70	33.3		94	40-140		
2,4-D [2C]	<b>26.7</b>		µg/kg wet	6.70	33.3		80	40-140		
2,4-DB	<b>29.3</b>		µg/kg wet	6.70	33.3		88	40-140		
2,4-DB [2C]	<b>31.3</b>		µg/kg wet	6.70	33.3		94	40-140		
Dalapon	<b>23.3</b>		µg/kg wet	6.70	33.3		70	40-140		
Dalapon [2C]	<b>22.7</b>		µg/kg wet	6.70	33.3		68	40-140		
Dicamba	<b>28.0</b>		µg/kg wet	6.70	33.3		84	40-140		
Dicamba [2C]	<b>28.0</b>		µg/kg wet	6.70	33.3		84	40-140		
Dichlorprop	<b>30.0</b>		µg/kg wet	6.70	33.3		90	40-140		
Dichlorprop [2C]	<b>28.7</b>		µg/kg wet	6.70	33.3		86	40-140		
Dinoseb	<b>28.0</b>		µg/kg wet	6.70	33.3		84	40-140		
Dinoseb [2C]	<b>27.3</b>		µg/kg wet	6.70	33.3		82	40-140		
<i>Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)</i>	6.00		µg/kg wet		13.3		45	30-150		
<i>Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]</i>	5.33		µg/kg wet		13.3		40	30-150		
<b><u>LCS (1213924-BS2)</u></b>	<b><u>Prepared &amp; Analyzed: 13-Jun-12</u></b>									

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# Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213924 - SW846 3550C</b>										
<b>LCS (1213924-BS2)</b>					Prepared & Analyzed: 13-Jun-12					
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	8.67		µg/kg wet		13.3		65	30-150		
<b>LCS Dup (1213924-BSD1)</b>					Prepared & Analyzed: 13-Jun-12					
2,4,5-T	26.7		µg/kg wet	6.70	33.3		80	40-140	8	30
2,4,5-T [2C]	26.0		µg/kg wet	6.70	33.3		78	40-140	3	30
2,4,5-TP (Silvex)	28.0		µg/kg wet	6.70	33.3		84	40-140	2	30
2,4,5-TP (Silvex) [2C]	28.0		µg/kg wet	6.70	33.3		84	40-140	2	30
2,4-D	30.7		µg/kg wet	6.70	33.3		92	40-140	2	30
2,4-D [2C]	27.3		µg/kg wet	6.70	33.3		82	40-140	2	30
2,4-DB	30.7		µg/kg wet	6.70	33.3		92	40-140	4	30
2,4-DB [2C]	28.0		µg/kg wet	6.70	33.3		84	40-140	11	30
Dalapon	26.0		µg/kg wet	6.70	33.3		78	40-140	11	30
Dalapon [2C]	24.0		µg/kg wet	6.70	33.3		72	40-140	6	30
Dicamba	30.0		µg/kg wet	6.70	33.3		90	40-140	7	30
Dicamba [2C]	28.7		µg/kg wet	6.70	33.3		86	40-140	2	30
Dichlorprop	31.3		µg/kg wet	6.70	33.3		94	40-140	4	30
Dichlorprop [2C]	29.3		µg/kg wet	6.70	33.3		88	40-140	2	30
Dinoseb	28.0		µg/kg wet	6.70	33.3		84	40-140	0	30
Dinoseb [2C]	28.0		µg/kg wet	6.70	33.3		84	40-140	2	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	5.33		µg/kg wet		13.3		40	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	5.33		µg/kg wet		13.3		40	30-150		
<b>LCS Dup (1213924-BSD2)</b>					Prepared & Analyzed: 13-Jun-12					
MCPA	10700		µg/kg wet	2250	10000		107	40-140	13	30
MCPA [2C]	6000		µg/kg wet	2250	10000		60	40-140	0	30
MCPB	10700		µg/kg wet	2250	10000		107	40-140	6	30
MCPB [2C]	6670		µg/kg wet	2250	10000		67	40-140	0	30
MCPD	8670		µg/kg wet	2250	10000		87	40-140	17	30
MCPD [2C]	8000		µg/kg wet	2250	10000		80	40-140	0	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	10.0		µg/kg wet		13.3		75	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	8.67		µg/kg wet		13.3		65	30-150		
<b>Duplicate (1213924-DUP1)</b>					<b>Source: SB50864-01</b>		Prepared & Analyzed: 13-Jun-12			
2,4,5-T	< 9.68		µg/kg dry	9.68		BRL				30
2,4,5-T [2C]	< 9.68		µg/kg dry	9.68		BRL				30
2,4,5-TP (Silvex)	< 9.68		µg/kg dry	9.68		BRL				30
2,4,5-TP (Silvex) [2C]	< 9.68		µg/kg dry	9.68		BRL				30
2,4-D	< 9.68		µg/kg dry	9.68		BRL				30
2,4-D [2C]	< 9.68		µg/kg dry	9.68		BRL				30
2,4-DB	< 9.68		µg/kg dry	9.68		BRL				30
2,4-DB [2C]	< 9.68		µg/kg dry	9.68		BRL				30
Dalapon	< 9.68		µg/kg dry	9.68		BRL				30
Dalapon [2C]	< 9.68		µg/kg dry	9.68		BRL				30
Dicamba	< 9.68		µg/kg dry	9.68		BRL				30
Dicamba [2C]	< 9.68		µg/kg dry	9.68		BRL				30
Dichlorprop	< 9.68		µg/kg dry	9.68		BRL				30
Dichlorprop [2C]	< 9.68		µg/kg dry	9.68		BRL				30
Dinoseb	< 9.68		µg/kg dry	9.68		BRL				30
Dinoseb [2C]	< 9.68		µg/kg dry	9.68		BRL				30
MCPA	< 3250		µg/kg dry	3250		BRL				30
MCPA [2C]	< 3250		µg/kg dry	3250		BRL				30
MCPB	< 3250		µg/kg dry	3250		BRL				30
MCPB [2C]	< 3250		µg/kg dry	3250		BRL				30

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# Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213924 - SW846 3550C</b>										
<u>Duplicate (1213924-DUP1)</u>										
Source: <b>SB50864-01</b>										
Prepared & Analyzed: 13-Jun-12										
MCP	< 3250		µg/kg dry	3250		BRL				30
MCP [2C]	< 3250		µg/kg dry	3250		BRL				30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	9.63		µg/kg dry		19.3		50	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	7.70		µg/kg dry		19.3		40	30-150		
<b>Batch 1213925 - SW846 3545A</b>										
<u>Blank (1213925-BLK1)</u>										
Prepared & Analyzed: 13-Jun-12										
Aroclor-1016	< 20.0		µg/kg wet	20.0						
Aroclor-1016 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1221	< 20.0		µg/kg wet	20.0						
Aroclor-1221 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1232	< 20.0		µg/kg wet	20.0						
Aroclor-1232 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1242	< 20.0		µg/kg wet	20.0						
Aroclor-1242 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1248	< 20.0		µg/kg wet	20.0						
Aroclor-1248 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1254	< 20.0		µg/kg wet	20.0						
Aroclor-1254 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1260	< 20.0		µg/kg wet	20.0						
Aroclor-1260 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1262	< 20.0		µg/kg wet	20.0						
Aroclor-1262 [2C]	< 20.0		µg/kg wet	20.0						
Aroclor-1268	< 20.0		µg/kg wet	20.0						
Aroclor-1268 [2C]	< 20.0		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	18.0		µg/kg wet		20.0		90	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	18.0		µg/kg wet		20.0		90	30-150		
Surrogate: Decachlorobiphenyl (Sr)	22.0		µg/kg wet		20.0		110	30-150		
Surrogate: Decachlorobiphenyl (Sr) [2C]	23.0		µg/kg wet		20.0		115	30-150		
<u>LCS (1213925-BS1)</u>										
Prepared & Analyzed: 13-Jun-12										
Aroclor-1016	247		µg/kg wet	20.0	250		99	50-140		
Aroclor-1016 [2C]	295		µg/kg wet	20.0	250		118	50-140		
Aroclor-1260	224		µg/kg wet	20.0	250		90	50-140		
Aroclor-1260 [2C]	288		µg/kg wet	20.0	250		115	50-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	18.0		µg/kg wet		20.0		90	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	18.0		µg/kg wet		20.0		90	30-150		
Surrogate: Decachlorobiphenyl (Sr)	22.0		µg/kg wet		20.0		110	30-150		
Surrogate: Decachlorobiphenyl (Sr) [2C]	24.0		µg/kg wet		20.0		120	30-150		
<u>LCS Dup (1213925-BSD1)</u>										
Prepared & Analyzed: 13-Jun-12										
Aroclor-1016	248		µg/kg wet	20.0	250		99	50-140	0.4	30
Aroclor-1016 [2C]	287		µg/kg wet	20.0	250		115	50-140	3	30
Aroclor-1260	225		µg/kg wet	20.0	250		90	50-140	0.4	30
Aroclor-1260 [2C]	284		µg/kg wet	20.0	250		114	50-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	18.0		µg/kg wet		20.0		90	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	18.0		µg/kg wet		20.0		90	30-150		
Surrogate: Decachlorobiphenyl (Sr)	22.0		µg/kg wet		20.0		110	30-150		
Surrogate: Decachlorobiphenyl (Sr) [2C]	24.0		µg/kg wet		20.0		120	30-150		
<b>Batch 1213926 - SW846 3545A</b>										
<u>Blank (1213926-BLK1)</u>										
Prepared: 13-Jun-12 Analyzed: 14-Jun-12										
alpha-BHC	< 5.00		µg/kg wet	5.00						
alpha-BHC [2C]	< 5.00		µg/kg wet	5.00						

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## Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213926 - SW846 3545A</b>										
<b>Blank (1213926-BLK1)</b>	Prepared: 13-Jun-12 Analyzed: 14-Jun-12									
beta-BHC	< 5.00		µg/kg wet	5.00						
beta-BHC [2C]	< 5.00		µg/kg wet	5.00						
delta-BHC	< 5.00		µg/kg wet	5.00						
delta-BHC [2C]	< 5.00		µg/kg wet	5.00						
gamma-BHC (Lindane)	< 5.00		µg/kg wet	5.00						
gamma-BHC (Lindane) [2C]	< 5.00		µg/kg wet	5.00						
Heptachlor	< 5.00		µg/kg wet	5.00						
Heptachlor [2C]	< 5.00		µg/kg wet	5.00						
Aldrin	< 5.00		µg/kg wet	5.00						
Aldrin [2C]	< 5.00		µg/kg wet	5.00						
Heptachlor epoxide	< 5.00		µg/kg wet	5.00						
Heptachlor epoxide [2C]	< 5.00		µg/kg wet	5.00						
Endosulfan I	< 5.00		µg/kg wet	5.00						
Endosulfan I [2C]	< 5.00		µg/kg wet	5.00						
Dieldrin	< 5.00		µg/kg wet	5.00						
Dieldrin [2C]	< 5.00		µg/kg wet	5.00						
4,4'-DDE (p,p')	< 5.00		µg/kg wet	5.00						
4,4'-DDE (p,p') [2C]	< 5.00		µg/kg wet	5.00						
Endrin	< 8.00		µg/kg wet	8.00						
Endrin [2C]	< 8.00		µg/kg wet	8.00						
Endosulfan II	< 8.00		µg/kg wet	8.00						
Endosulfan II [2C]	< 8.00		µg/kg wet	8.00						
4,4'-DDD (p,p')	< 8.00		µg/kg wet	8.00						
4,4'-DDD (p,p') [2C]	< 8.00		µg/kg wet	8.00						
Endosulfan sulfate	< 8.00		µg/kg wet	8.00						
Endosulfan sulfate [2C]	< 8.00		µg/kg wet	8.00						
4,4'-DDT (p,p')	< 8.00		µg/kg wet	8.00						
4,4'-DDT (p,p') [2C]	< 8.00		µg/kg wet	8.00						
Methoxychlor	< 8.00		µg/kg wet	8.00						
Methoxychlor [2C]	< 8.00		µg/kg wet	8.00						
Endrin ketone	< 8.00		µg/kg wet	8.00						
Endrin ketone [2C]	< 8.00		µg/kg wet	8.00						
Endrin aldehyde	< 8.00		µg/kg wet	8.00						
Endrin aldehyde [2C]	< 8.00		µg/kg wet	8.00						
alpha-Chlordane	< 5.00		µg/kg wet	5.00						
alpha-Chlordane [2C]	< 5.00		µg/kg wet	5.00						
gamma-Chlordane	< 5.00		µg/kg wet	5.00						
gamma-Chlordane [2C]	< 5.00		µg/kg wet	5.00						
Toxaphene	< 100		µg/kg wet	100						
Toxaphene [2C]	< 100		µg/kg wet	100						
Chlordane	< 20.0		µg/kg wet	20.0						
Chlordane [2C]	< 20.0		µg/kg wet	20.0						
Alachlor	< 5.00		µg/kg wet	5.00						
Alachlor [2C]	< 5.00		µg/kg wet	5.00						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	10.4		µg/kg wet		10.0		104	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	7.71		µg/kg wet		10.0		77	30-150		
Surrogate: Decachlorobiphenyl (Sr)	13.0		µg/kg wet		10.0		130	30-150		
Surrogate: Decachlorobiphenyl (Sr) [2C]	8.43		µg/kg wet		10.0		84	30-150		
<b>LCS (1213926-BS1)</b>	Prepared: 13-Jun-12 Analyzed: 14-Jun-12									
alpha-BHC	23.6		µg/kg wet	5.00	25.0		94	40-140		
alpha-BHC [2C]	18.9		µg/kg wet	5.00	25.0		76	40-140		

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# Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213926 - SW846 3545A</b>										
<b>LCS (1213926-BS1)</b>					Prepared: 13-Jun-12 Analyzed: 14-Jun-12					
beta-BHC	23.1		µg/kg wet	5.00	25.0		92	40-140		
beta-BHC [2C]	18.0		µg/kg wet	5.00	25.0		72	40-140		
delta-BHC	27.0		µg/kg wet	5.00	25.0		108	40-140		
delta-BHC [2C]	20.8		µg/kg wet	5.00	25.0		83	40-140		
gamma-BHC (Lindane)	23.6		µg/kg wet	5.00	25.0		94	50-120		
gamma-BHC (Lindane) [2C]	18.3		µg/kg wet	5.00	25.0		73	50-120		
Heptachlor	23.0		µg/kg wet	5.00	25.0		92	40-140		
Heptachlor [2C]	17.7		µg/kg wet	5.00	25.0		71	40-140		
Aldrin	25.0		µg/kg wet	5.00	25.0		100	40-140		
Aldrin [2C]	18.9		µg/kg wet	5.00	25.0		76	40-140		
Heptachlor epoxide	23.6		µg/kg wet	5.00	25.0		94	50-140		
Heptachlor epoxide [2C]	18.0		µg/kg wet	5.00	25.0		72	50-140		
Endosulfan I	23.9		µg/kg wet	5.00	25.0		95	40-140		
Endosulfan I [2C]	18.2		µg/kg wet	5.00	25.0		73	40-140		
Dieldrin	22.7		µg/kg wet	5.00	25.0		91	40-130		
Dieldrin [2C]	17.2		µg/kg wet	5.00	25.0		69	40-130		
4,4'-DDE (p,p')	23.6		µg/kg wet	5.00	25.0		94	50-140		
4,4'-DDE (p,p') [2C]	18.0		µg/kg wet	5.00	25.0		72	50-140		
Endrin	24.3		µg/kg wet	8.00	25.0		97	50-120		
Endrin [2C]	18.8		µg/kg wet	8.00	25.0		75	50-120		
Endosulfan II	23.2		µg/kg wet	8.00	25.0		93	40-140		
Endosulfan II [2C]	18.1		µg/kg wet	8.00	25.0		72	40-140		
4,4'-DDD (p,p')	23.4		µg/kg wet	8.00	25.0		93	40-140		
4,4'-DDD (p,p') [2C]	19.2		µg/kg wet	8.00	25.0		77	40-140		
Endosulfan sulfate	25.7		µg/kg wet	8.00	25.0		103	50-120		
Endosulfan sulfate [2C]	19.2		µg/kg wet	8.00	25.0		77	50-120		
4,4'-DDT (p,p')	23.5		µg/kg wet	8.00	25.0		94	40-140		
4,4'-DDT (p,p') [2C]	17.9		µg/kg wet	8.00	25.0		71	40-140		
Methoxychlor	21.3		µg/kg wet	8.00	25.0		85	40-140		
Methoxychlor [2C]	17.8		µg/kg wet	8.00	25.0		71	40-140		
Endrin ketone	23.7		µg/kg wet	8.00	25.0		95	40-140		
Endrin ketone [2C]	17.8		µg/kg wet	8.00	25.0		71	40-140		
Endrin aldehyde	31.0		µg/kg wet	8.00	25.0		124	40-140		
Endrin aldehyde [2C]	26.2		µg/kg wet	8.00	25.0		105	40-140		
alpha-Chlordane	23.9		µg/kg wet	5.00	25.0		96	40-140		
alpha-Chlordane [2C]	18.9		µg/kg wet	5.00	25.0		76	40-140		
gamma-Chlordane	25.2		µg/kg wet	5.00	25.0		101	40-130		
gamma-Chlordane [2C]	19.6		µg/kg wet	5.00	25.0		79	40-130		
Alachlor	23.7		µg/kg wet	5.00	25.0		95	40-140		
Alachlor [2C]	18.1		µg/kg wet	5.00	25.0		72	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	9.74		µg/kg wet		10.0		97	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	7.69		µg/kg wet		10.0		77	30-150		
Surrogate: Decachlorobiphenyl (Sr)	11.0		µg/kg wet		10.0		110	30-150		
Surrogate: Decachlorobiphenyl (Sr) [2C]	8.55		µg/kg wet		10.0		86	30-150		
<b>LCS Dup (1213926-BSD1)</b>					Prepared: 13-Jun-12 Analyzed: 14-Jun-12					
alpha-BHC	24.6		µg/kg wet	5.00	25.0		99	40-140	4	30
alpha-BHC [2C]	20.4		µg/kg wet	5.00	25.0		81	40-140	7	30
beta-BHC	24.2		µg/kg wet	5.00	25.0		97	40-140	5	30
beta-BHC [2C]	20.0		µg/kg wet	5.00	25.0		80	40-140	11	30
delta-BHC	28.1		µg/kg wet	5.00	25.0		112	40-140	4	30
delta-BHC [2C]	22.7		µg/kg wet	5.00	25.0		91	40-140	9	30

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# Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213926 - SW846 3545A</b>										
<b>LCS Dup (1213926-BS01)</b>					Prepared: 13-Jun-12 Analyzed: 14-Jun-12					
gamma-BHC (Lindane)	24.7		µg/kg wet	5.00	25.0		99	50-120	5	30
gamma-BHC (Lindane) [2C]	19.8		µg/kg wet	5.00	25.0		79	50-120	8	30
Heptachlor	24.3		µg/kg wet	5.00	25.0		97	40-140	6	30
Heptachlor [2C]	19.2		µg/kg wet	5.00	25.0		77	40-140	8	30
Aldrin	26.2		µg/kg wet	5.00	25.0		105	40-140	5	30
Aldrin [2C]	20.7		µg/kg wet	5.00	25.0		83	40-140	9	30
Heptachlor epoxide	24.6		µg/kg wet	5.00	25.0		98	50-140	4	30
Heptachlor epoxide [2C]	19.6		µg/kg wet	5.00	25.0		78	50-140	8	30
Endosulfan I	24.8		µg/kg wet	5.00	25.0		99	40-140	4	30
Endosulfan I [2C]	19.9		µg/kg wet	5.00	25.0		79	40-140	9	30
Dieldrin	23.9		µg/kg wet	5.00	25.0		96	40-130	5	30
Dieldrin [2C]	19.1		µg/kg wet	5.00	25.0		76	40-130	10	30
4,4'-DDE (p,p')	24.9		µg/kg wet	5.00	25.0		99	50-140	5	30
4,4'-DDE (p,p') [2C]	19.7		µg/kg wet	5.00	25.0		79	50-140	9	30
Endrin	25.3		µg/kg wet	8.00	25.0		101	50-120	4	30
Endrin [2C]	20.6		µg/kg wet	8.00	25.0		83	50-120	10	30
Endosulfan II	24.3		µg/kg wet	8.00	25.0		97	40-140	5	30
Endosulfan II [2C]	20.2		µg/kg wet	8.00	25.0		81	40-140	11	30
4,4'-DDD (p,p')	24.9		µg/kg wet	8.00	25.0		100	40-140	7	30
4,4'-DDD (p,p') [2C]	20.8		µg/kg wet	8.00	25.0		83	40-140	8	30
Endosulfan sulfate	27.0		µg/kg wet	8.00	25.0		108	50-120	5	30
Endosulfan sulfate [2C]	21.2		µg/kg wet	8.00	25.0		85	50-120	10	30
4,4'-DDT (p,p')	24.5		µg/kg wet	8.00	25.0		98	40-140	4	30
4,4'-DDT (p,p') [2C]	20.2		µg/kg wet	8.00	25.0		81	40-140	12	30
Methoxychlor	25.1		µg/kg wet	8.00	25.0		100	40-140	16	30
Methoxychlor [2C]	20.1		µg/kg wet	8.00	25.0		81	40-140	12	30
Endrin ketone	25.3		µg/kg wet	8.00	25.0		101	40-140	7	30
Endrin ketone [2C]	19.8		µg/kg wet	8.00	25.0		79	40-140	10	30
Endrin aldehyde	34.0		µg/kg wet	8.00	25.0		136	40-140	9	30
Endrin aldehyde [2C]	29.2		µg/kg wet	8.00	25.0		117	40-140	11	30
alpha-Chlordane	26.7		µg/kg wet	5.00	25.0		107	40-140	11	30
alpha-Chlordane [2C]	20.9		µg/kg wet	5.00	25.0		84	40-140	10	30
gamma-Chlordane	26.6		µg/kg wet	5.00	25.0		106	40-130	5	30
gamma-Chlordane [2C]	21.1		µg/kg wet	5.00	25.0		84	40-130	7	30
Alachlor	24.3		µg/kg wet	5.00	25.0		97	40-140	3	30
Alachlor [2C]	20.3		µg/kg wet	5.00	25.0		81	40-140	11	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	10.2		µg/kg wet		10.0		102	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	8.19		µg/kg wet		10.0		82	30-150		
Surrogate: Decachlorobiphenyl (Sr)	12.7		µg/kg wet		10.0		127	30-150		
Surrogate: Decachlorobiphenyl (Sr) [2C]	9.46		µg/kg wet		10.0		95	30-150		

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# Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213909 - SW846 3050B</b>										
<b><u>Blank (1213909-BLK1)</u></b>	<b>Prepared: 12-Jun-12 Analyzed: 13-Jun-12</b>									
Selenium	< 1.38		mg/kg wet	1.38						
Lead	< 1.38		mg/kg wet	1.38						
Arsenic	< 1.38		mg/kg wet	1.38						
Silver	< 1.38		mg/kg wet	1.38						
Chromium	< 0.917		mg/kg wet	0.917						
Cadmium	< 0.458		mg/kg wet	0.458						
Barium	< 0.917		mg/kg wet	0.917						
<b><u>Duplicate (1213909-DUP1)</u></b>	<b>Source: SB50864-01 Prepared: 12-Jun-12 Analyzed: 13-Jun-12</b>									
Selenium	<b>0.958</b>	J	mg/kg dry	2.00		1.05			9	20
Lead	<b>234</b>	QR6	mg/kg dry	2.00		353			41	20
Silver	< 2.00		mg/kg dry	2.00		BRL				20
Chromium	<b>20.3</b>	QR6	mg/kg dry	1.33		26.1			25	20
Cadmium	<b>0.293</b>	J,QR8	mg/kg dry	0.665		0.388			28	20
Arsenic	<b>4.42</b>		mg/kg dry	2.00		4.46			0.9	20
Barium	<b>68.8</b>		mg/kg dry	1.33		78.3			13	20
<b><u>Matrix Spike (1213909-MS1)</u></b>	<b>Source: SB50864-01 Prepared: 12-Jun-12 Analyzed: 13-Jun-12</b>									
Lead	<b>388</b>	QM7	mg/kg dry	2.12	177	353	20	75-125		
Selenium	<b>145</b>		mg/kg dry	2.12	177	1.05	81	75-125		
Arsenic	<b>159</b>		mg/kg dry	2.12	177	4.46	87	75-125		
Silver	<b>161</b>		mg/kg dry	2.12	177	BRL	91	75-125		
Cadmium	<b>153</b>		mg/kg dry	0.708	177	0.388	86	75-125		
Chromium	<b>185</b>		mg/kg dry	1.42	177	26.1	90	75-125		
Barium	<b>247</b>		mg/kg dry	1.42	177	78.3	95	75-125		
<b><u>Matrix Spike Dup (1213909-MSD1)</u></b>	<b>Source: SB50864-01 Prepared: 12-Jun-12 Analyzed: 13-Jun-12</b>									
Selenium	<b>139</b>		mg/kg dry	2.04	170	1.05	81	75-125	4	20
Lead	<b>469</b>	QM7	mg/kg dry	2.04	170	353	68	75-125	19	20
Cadmium	<b>147</b>		mg/kg dry	0.679	170	0.388	86	75-125	4	20
Arsenic	<b>152</b>		mg/kg dry	2.04	170	4.46	87	75-125	4	20
Silver	<b>157</b>		mg/kg dry	2.04	170	BRL	92	75-125	3	20
Chromium	<b>188</b>		mg/kg dry	1.36	170	26.1	95	75-125	1	20
Barium	<b>244</b>		mg/kg dry	1.36	170	78.3	97	75-125	1	20
<b><u>Post Spike (1213909-PS1)</u></b>	<b>Source: SB50864-01 Prepared: 12-Jun-12 Analyzed: 13-Jun-12</b>									
Selenium	<b>154</b>		mg/kg dry	2.12	176	1.05	87	80-120		
Chromium	<b>195</b>		mg/kg dry	1.41	176	26.1	96	80-120		
Silver	<b>167</b>		mg/kg dry	2.12	176	BRL	95	80-120		
Arsenic	<b>170</b>		mg/kg dry	2.12	176	4.46	94	80-120		
Cadmium	<b>162</b>		mg/kg dry	0.705	176	0.388	92	80-120		
Barium	<b>243</b>		mg/kg dry	1.41	176	78.3	93	80-120		
<b><u>Reference (1213909-SRM1)</u></b>	<b>Prepared: 12-Jun-12 Analyzed: 13-Jun-12</b>									
Lead	<b>42.2</b>		mg/kg wet	1.50	46.5		91	82.2-117.6		
Selenium	<b>38.1</b>		mg/kg wet	1.50	43.8		87	80.1-120.3		
Silver	<b>16.0</b>		mg/kg wet	1.50	17.4		92	66.3-134		
Arsenic	<b>42.2</b>		mg/kg wet	1.50	47.9		88	82.3-117.4		
Chromium	<b>35.2</b>		mg/kg wet	1.00	35.7		99	81.8-118.1		
Cadmium	<b>28.0</b>		mg/kg wet	0.500	30.7		91	83.1-116.8		
Barium	<b>81.2</b>		mg/kg wet	1.00	84.7		96	83.83-115.6		
<b><u>Reference (1213909-SRM2)</u></b>	<b>Prepared: 12-Jun-12 Analyzed: 13-Jun-12</b>									
Lead	<b>42.8</b>		mg/kg wet	1.50	46.7		92	82.2-117.6		
Selenium	<b>39.9</b>		mg/kg wet	1.50	43.9		91	80.1-120.3		
Chromium	<b>35.3</b>		mg/kg wet	1.00	35.8		99	81.8-118.1		
Cadmium	<b>28.9</b>		mg/kg wet	0.500	30.8		94	83.1-116.8		

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**Total Metals by EPA 6000/7000 Series Methods - Quality Control**

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213909 - SW846 3050B</b>										
<u>Reference (1213909-SRM2)</u>								Prepared: 12-Jun-12 Analyzed: 13-Jun-12		
Arsenic	42.9		mg/kg wet	1.50	48.0		89	82.3-117.4		
Silver	17.0		mg/kg wet	1.50	17.5		97	66.3-134		
Barium	79.8		mg/kg wet	1.00	84.9		94	83.83-115.6		
<b>Batch 1213910 - EPA200/SW7000 Series</b>										
<u>Blank (1213910-BLK1)</u>								Prepared: 12-Jun-12 Analyzed: 13-Jun-12		
Mercury	< 0.0297		mg/kg wet	0.0297						
<u>Duplicate (1213910-DUP1)</u>								Prepared: 12-Jun-12 Analyzed: 13-Jun-12		
Mercury	0.752	GS1	mg/kg dry	0.0887		0.787			5	20
<u>Matrix Spike (1213910-MS1)</u>								Prepared: 12-Jun-12 Analyzed: 13-Jun-12		
Mercury	1.29	QM7	mg/kg dry	0.130	0.302	0.787	168	75-125		
<u>Matrix Spike Dup (1213910-MSD1)</u>								Prepared: 12-Jun-12 Analyzed: 13-Jun-12		
Mercury	1.21	QM7	mg/kg dry	0.0873	0.303	0.787	141	75-125	6	20
<u>Reference (1213910-SRM1)</u>								Prepared: 12-Jun-12 Analyzed: 13-Jun-12		
Mercury	0.975		mg/kg wet	0.300	0.949		103	71.6-128.1		

# TCLP Metals by EPA 1311 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1214781 - SW846 3010A</b>										
<u>Blank (1214781-BLK1)</u>										
Lead	< 0.0150		mg/l	0.0150						
<u>LCS (1214781-BS1)</u>										
Lead	<b>2.25</b>		mg/l	0.0150	2.50		90	85-115		
<u>LCS Dup (1214781-BSD1)</u>										
Lead	<b>2.27</b>		mg/l	0.0150	2.50		91	85-115	0.9	20

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## General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213911 - General Preparation</b>										
<u>Duplicate (1213911-DUP1)</u>				<u>Source: SB50864-01</u>		<u>Prepared &amp; Analyzed: 12-Jun-12</u>				
% Solids	68.0		%			67.1			1	20

## Toxicity Characteristics - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1213980 - General Preparation</b>										
<u>Duplicate (1213980-DUP1)</u>				<b>Source: SB50864-01</b>		<u>Prepared &amp; Analyzed: 13-Jun-12</u>				
Ignitability by Definition	Negative		N/A			Negative				35
<b>Batch 1214002 - General Preparation</b>										
<u>Blank (1214002-BLK1)</u>						<u>Prepared &amp; Analyzed: 13-Jun-12</u>				
Reactivity	Nonreactive		mg/kg wet							
Reactive Cyanide	< 25.0		mg/kg wet	25.0						
Reactive Sulfide	< 50.0		mg/kg wet	50.0						
<u>Duplicate (1214002-DUP1)</u>				<b>Source: SB50864-01</b>		<u>Prepared &amp; Analyzed: 13-Jun-12</u>				
Reactivity	Nonreactive		mg/kg dry			Nonreactive				200
Reactive Cyanide	< 24.7		mg/kg dry	24.7		BRL				35
Reactive Sulfide	< 49.5		mg/kg dry	49.5		BRL				35
<u>Reference (1214002-SRM1)</u>						<u>Prepared &amp; Analyzed: 13-Jun-12</u>				
Reactive Cyanide	2.93		mg/kg wet	25.0	100	3	0-200			
<u>Reference (1214002-SRM2)</u>						<u>Prepared &amp; Analyzed: 13-Jun-12</u>				
Reactive Sulfide	160		mg/kg wet	50.0	6700	2	0-200			
<b>Batch 1214079 - General Preparation</b>										
<u>Reference (1214079-SRM1)</u>						<u>Prepared &amp; Analyzed: 14-Jun-12</u>				
pH	5.98		pH Units		6.00	100	97.5-102.5			
<u>Reference (1214079-SRM2)</u>						<u>Prepared &amp; Analyzed: 14-Jun-12</u>				
pH	5.52		pH Units		5.51	100	92-108			

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## Semivolatile Organic Compounds by GC - Pesticide Breakdown Report

Analyte(s)	Column	% Breakdown	Limit
<b>Batch S207146</b>			
<b><u>Performance Mix (S207146-PEM1)</u></b>			
4,4'-DDT (p,p')	1	1.5	15.0
Endrin	1	3.1	15.0
4,4'-DDT (p,p')	2	1.2	15.0
Endrin	2	2.4	15.0
<b><u>Performance Mix (S207146-PEM2)</u></b>			
4,4'-DDT (p,p')	1	1.0	15.0
Endrin	1	4.6	15.0
4,4'-DDT (p,p')	2	0.7	15.0
Endrin	2	2.4	15.0
<b>Batch S207313</b>			
<b><u>Performance Mix (S207313-PEM1)</u></b>			
4,4'-DDT (p,p')	1	0.6	15.0
Endrin	1	5.8	15.0
4,4'-DDT (p,p')	2	0.7	15.0
Endrin	2	3.9	15.0
<b><u>Performance Mix (S207313-PEM2)</u></b>			
4,4'-DDT (p,p')	1	1.1	15.0
Endrin	1	4.8	15.0
4,4'-DDT (p,p')	2	3.7	15.0
Endrin	2	6.9	15.0

## Notes and Definitions

GS1	Sample dilution required for high concentration of target analytes to be within the instrument calibration range.
IgHT	A hold time of 24 hours has been set to expedite the analyses through the laboratory. However, the hold time for Ignitability is not specified within the method other than to state that the samples should be analyzed as soon as possible.
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
S06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
pH	The method for pH does not stipulate a specific holding time other than to state that the samples should be analyzed as soon as possible. For aqueous samples the 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis. Therefore all aqueous pH samples not analyzed in the field are considered out of hold time at the time of sample receipt. All soil samples are analyzed as soon as possible after sample receipt.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:  
Nicole Leja  
Rebecca Merz





**SPECTRUM ANALYTICAL, INC.**  
*Featuring*  
**HANIBAL TECHNOLOGY**

11 Almgren Drive  
Agawam, MA 01001  
(413) 789-9018

This preceding chain of custody has been amended to include the client requested additional analyses as noted below:

<i>Laboratory ID</i>	<i>Client ID</i>	<i>Analysis</i>	<i>Added</i>
SB50864-01	PC-1	TCLP Extraction for Metals	6/19/2012
SB50864-01	PC-1	TCLP Lead by ICP	6/19/2012



**APPENDIX C**

**NASDI CONTRACTOR**  
**WORK PLAN**



The following is a work plan for dealing with the excavation and disposal of the approximately 10 cubic yards of soils containing <50 ppm PCB's from Wellesley High School:

1. The owner's consultant will mark out the areas needing the removal of these soils prior to commencing this work.
2. Once this is done NASDI will place a dumpster contiguous to this area and place polyethylene sheeting between the dumpster and the work zone to collect any residual soils that may drop from the excavator bucket.
3. The excavator will remain outside of the zone so that there is no tracking of these soils outside of the zone.
4. Under the direction of the owner's consultant NASDI will dig the subject material until the consultant is satisfied that enough has been removed.
5. The soil removed will be direct loaded into the dumpster.
6. After the excavation is complete the excavator bucket will be washed off above the dumpster and the wash water will be absorbed into the soils. The polyethylene drop cloth will be paced into the dumpster.
7. Once the work is complete the dumpster will be manifested and transported to Turnkey Landfill in Rochester NH for disposal.

**APPENDIX D**

**COPIES OF PUBLIC NOTIFICATION  
LETTERS**



**CDW CONSULTANTS, INC.**  
CIVIL & ENVIRONMENTAL ENGINEERS

PRINCIPALS AND ASSOCIATE:

Yee Cho, PE, LSP  
Kathleen Campbell, PE, LSP, LEED AP  
Jack Goodhall, PE

July 11, 2012

Mr. Hans Larsen, Executive Director  
Town of Wellesley  
Board of Selectmen  
525 Washington Street  
Wellesley, MA 02482

**Re: Public Notification for: Release Abatement Measure Plan**  
Wellesley High School  
50 Rice Street, Wellesley, MA  
CDW Project #1278.00  
DEP Release Tracking Number 3-30840

Dear Mr. Larsen:

In accordance with the Massachusetts Contingency Plan (MCP), 310 CMR 40.1403(3)(d), the Town of Wellesley Board of Selectmen and Health Department are being notified of the implementation of a Release Abatement Measure (RAM). CDW will be implementing on-site RAM activities beginning in August 2012 at the former Wellesley High School building in Wellesley, MA. The purpose of the RAM is to reduce risk to human health, safety, public welfare, and the environment from potential exposure to polychlorinated biphenyls (PCBs) in soil at the Site. The source of PCBs in soil is likely related to PCBs in building caulking.

The RAM will consist of the excavation and off-site disposal of 5-10 cubic yards of soil. The RAM field activities are estimated to take one day to complete. All on-site activities will be conducted under a site specific health and safety plan.

The complete RAM Plan can be reviewed at the Massachusetts Department of Environmental Protection's website at [http://public.dep.state.ma.us/wsc\\_viewer/main.aspx](http://public.dep.state.ma.us/wsc_viewer/main.aspx).

Very truly yours,

CDW CONSULTANTS, INC.

Brian J. Miller, LSP  
Project Manager

cc: Wellesley Health Department  
DEP NERO



**CDW CONSULTANTS, INC.**  
CIVIL & ENVIRONMENTAL ENGINEERS

PRINCIPALS AND ASSOCIATE:

Yee Cho, PE, LSP  
Kathleen Campbell, PE, LSP, LEED AP  
Jack Goodhall, PE

July 11, 2012

Mr. Leonard Izzo, Director of Public Health  
Town of Wellesley  
Health Department  
90 Washington Street  
Wellesley, MA 02482

**Re: Public Notification for: Release Abatement Measure Plan**  
Wellesley High School  
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Very truly yours,

CDW CONSULTANTS, INC.

Brian J. Miller, LSP  
Project Manager

cc: Wellesley Board of Selectmen  
DEP NERO